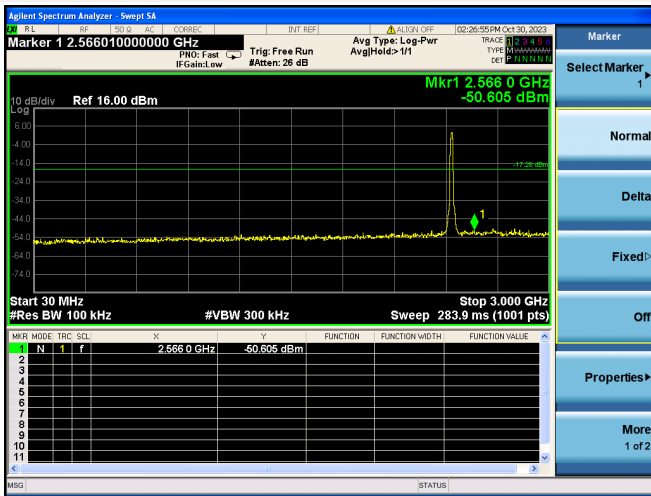
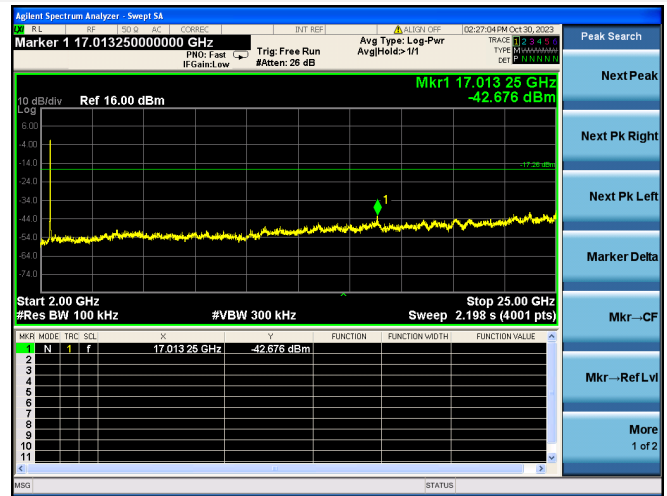


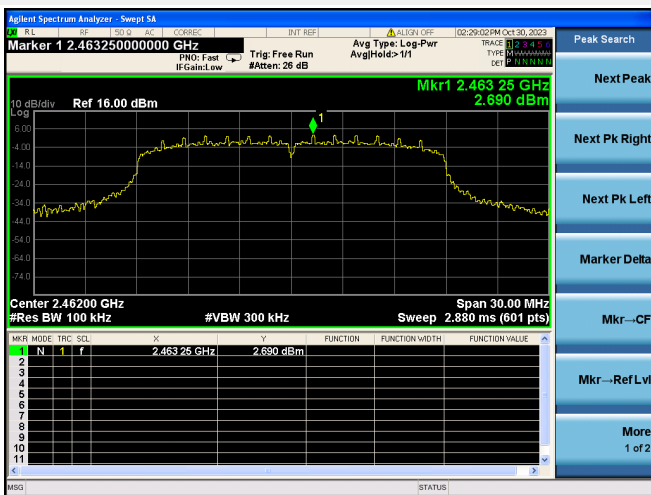
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



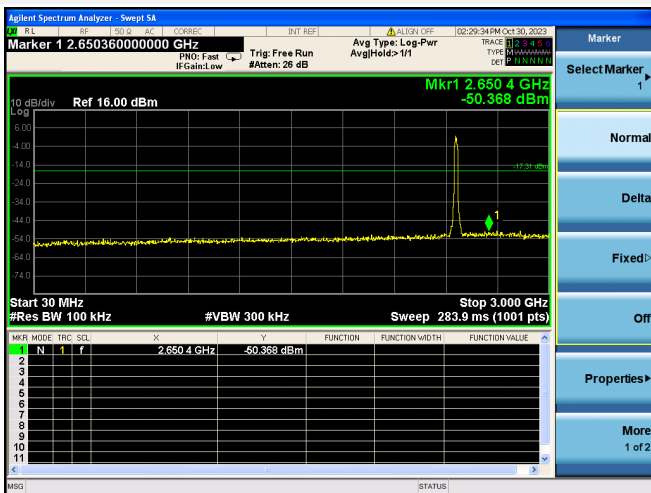
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



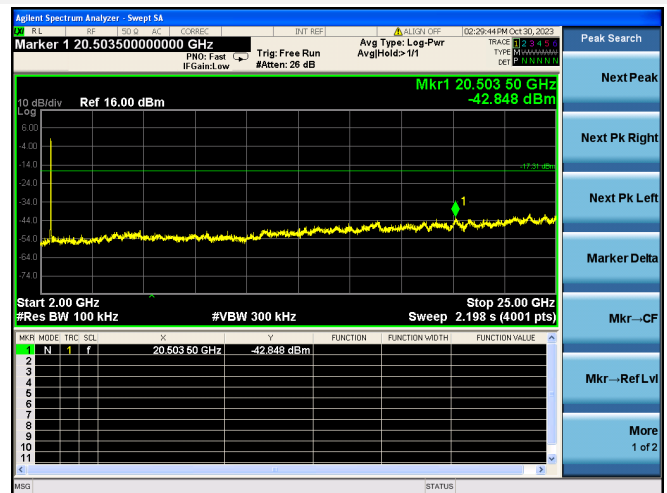
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



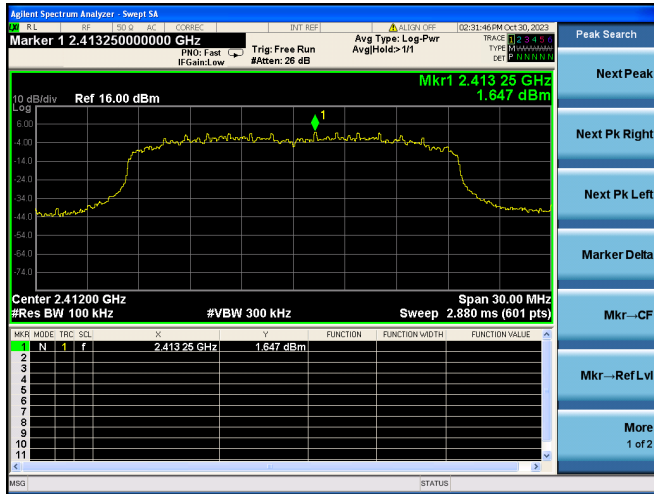
802.11n-20 MHz HIGH CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



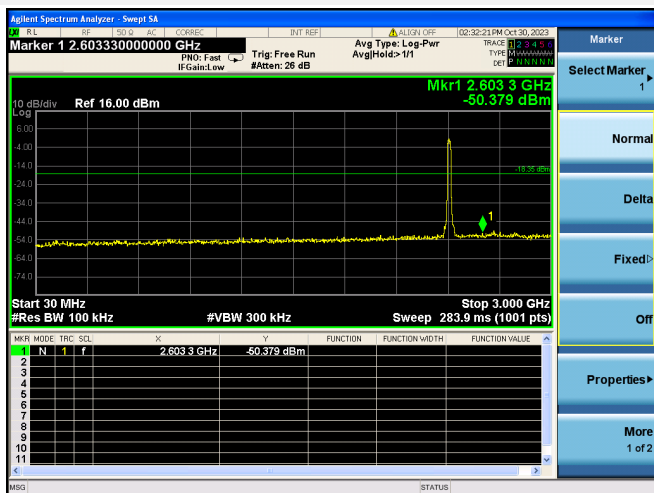
802.11n-20 MHz HIGH CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



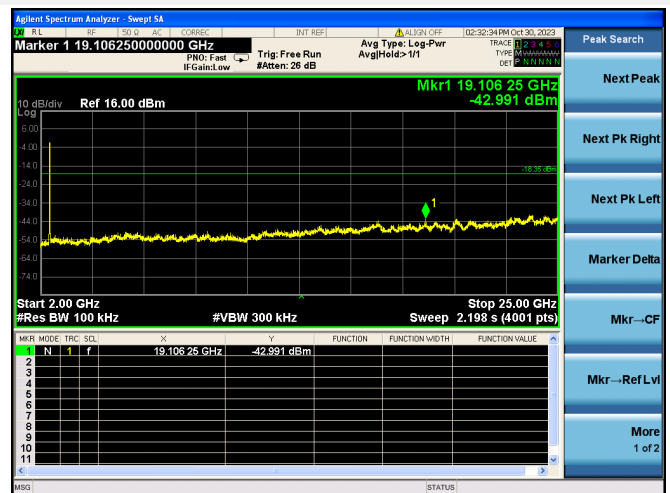
### 802.11ax-20 MHz(SU) LOW CHANNEL CARRIER LEVEL



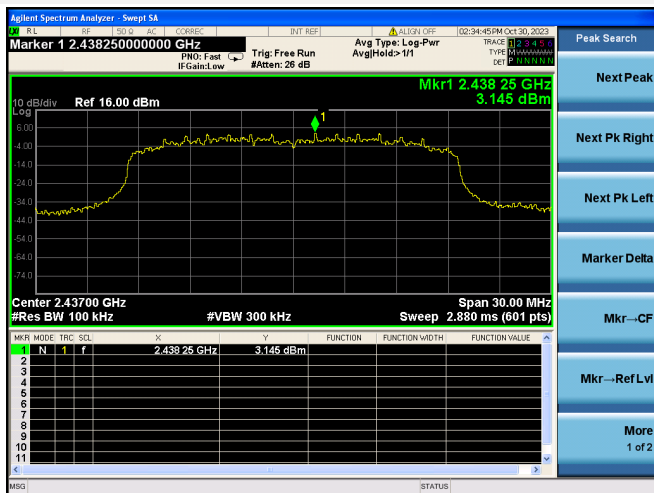
### 802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



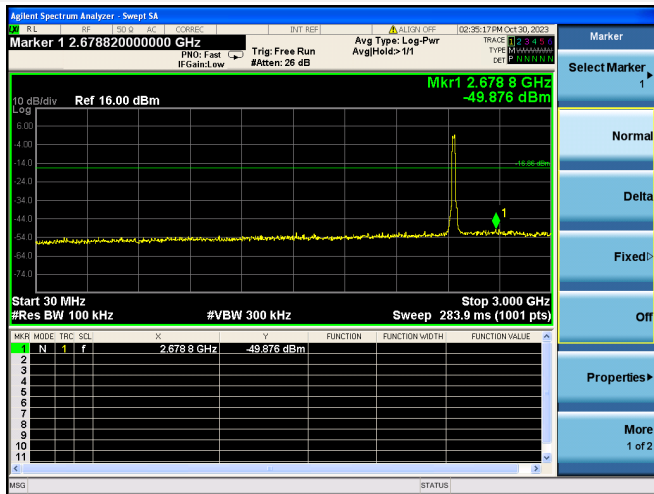
### 802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



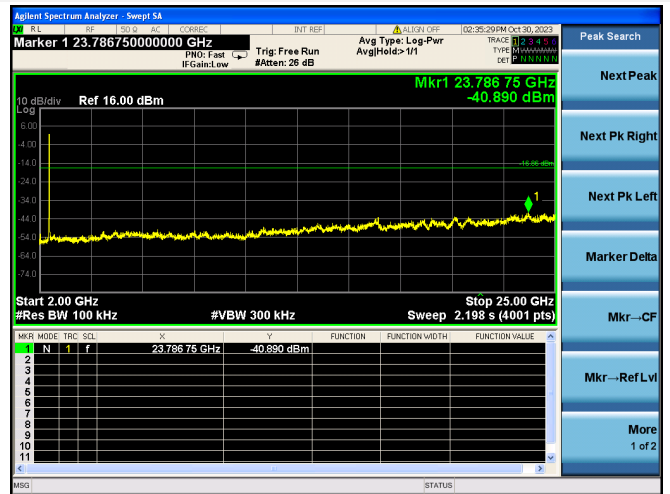
### 802.11ax-20 MHz(SU) MIDDLE CHANNEL CARRIER LEVEL



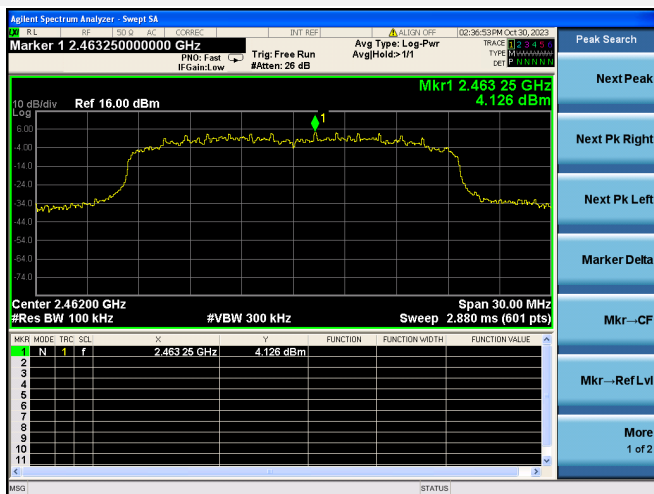
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



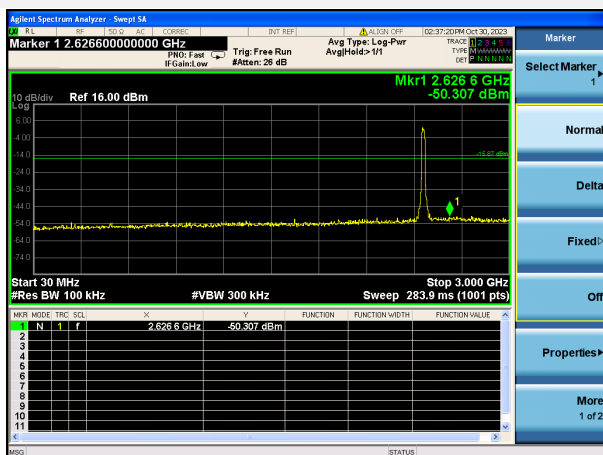
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



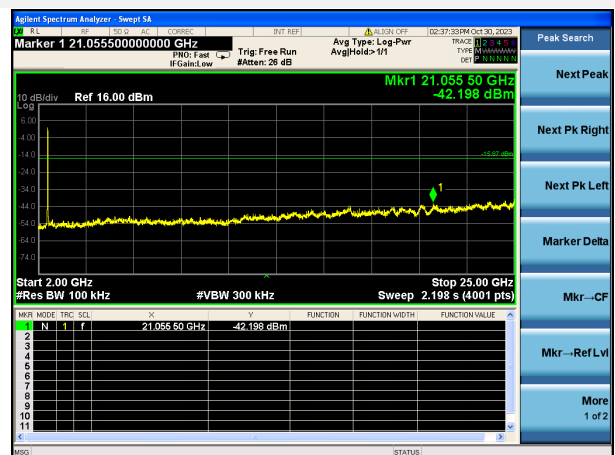
802.11ax-20 MHz(SU) HIGH CHANNEL CARRIER  
LEVEL



802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS  
30 MHz ~ 3 GHz



802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS  
2 GHz ~ 25 GHz



## A.4 Band Edge (Authorized-band band-edge)

Note 1: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.

### Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-35.26	7.47	-12.53	Pass
High Channel	-44.36	7.63	-12.37	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-34.83	1.94	-18.06	Pass
High Channel	-41.20	4.19	-15.81	Pass

802.11n-20 MHz Mode:

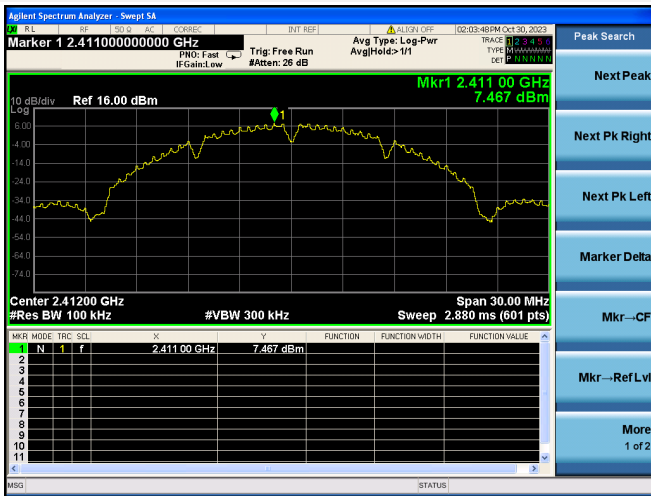
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-36.88	1.52	-18.48	Pass
High Channel	-42.85	2.69	-17.31	Pass

802.11ax-20 MHz(SU) Mode:

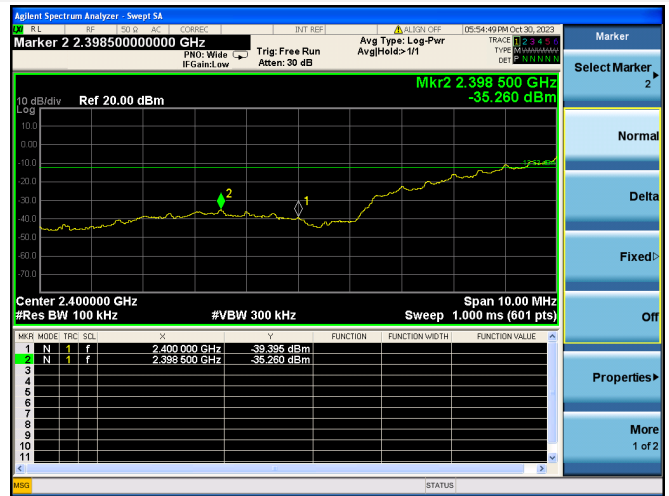
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-38.48	1.65	-18.35	Pass
High Channel	-38.97	4.13	-15.87	Pass

Test Plots

802.11b LOW CHANNEL, CARRIER LEVEL



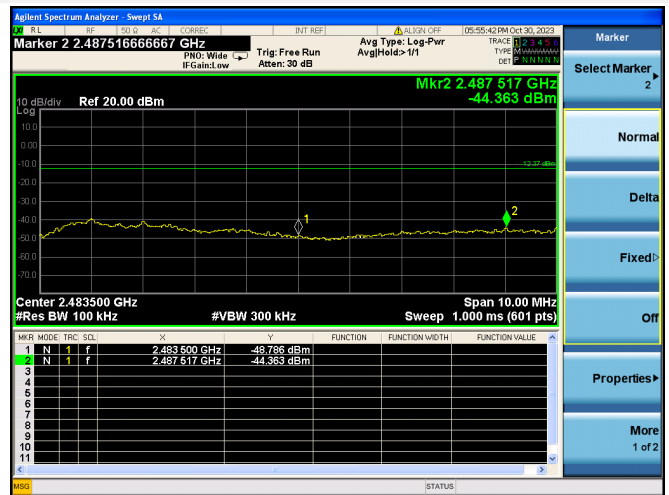
802.11b LOW CHANNEL, BAND EDGE



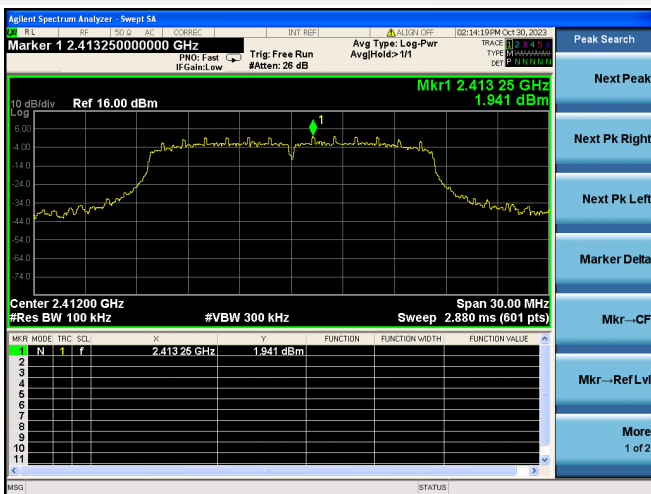
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



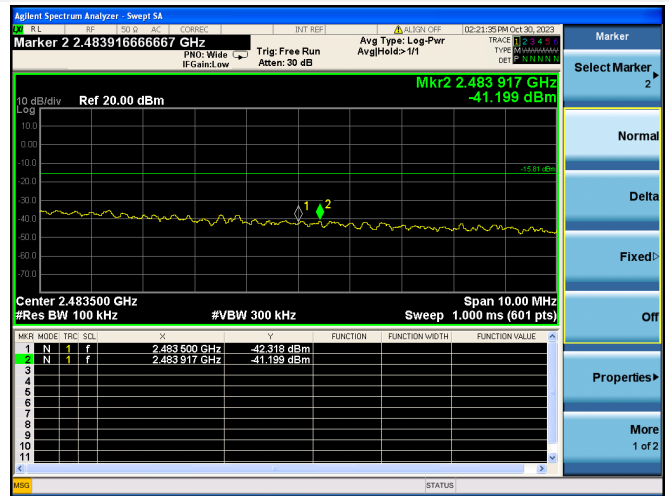
802.11g LOW CHANNEL, BAND EDGE



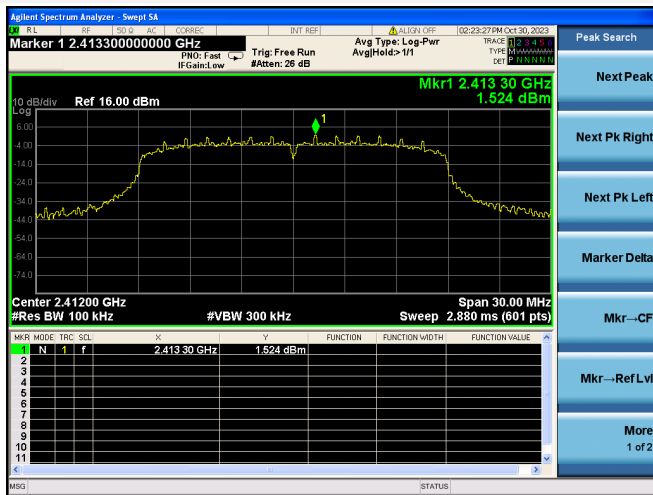
802.11g HIGH CHANNEL, CARRIER LEVEL



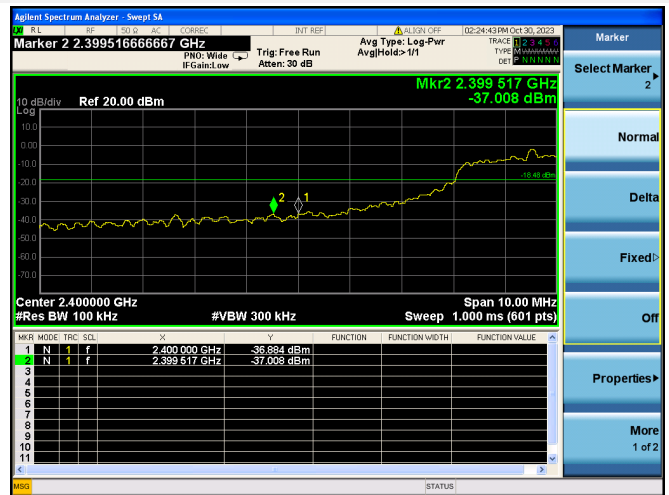
802.11g HIGH CHANNEL, BAND EDGE



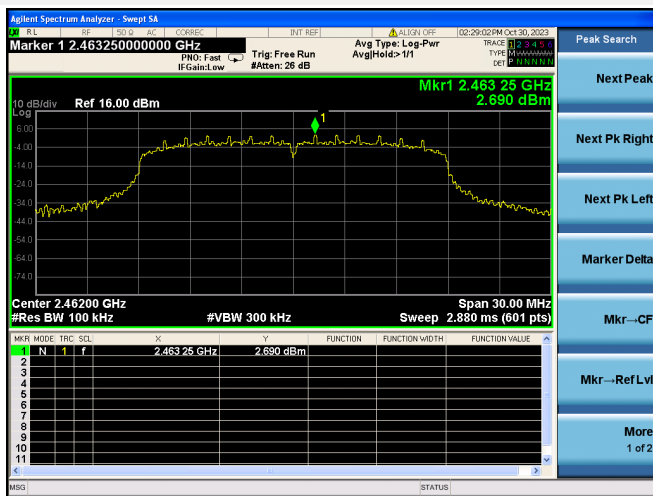
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



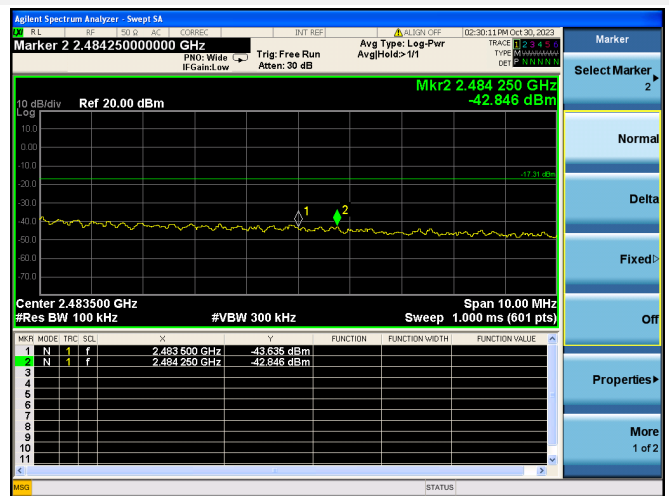
802.11n-20 MHz LOW CHANNEL, BAND EDGE



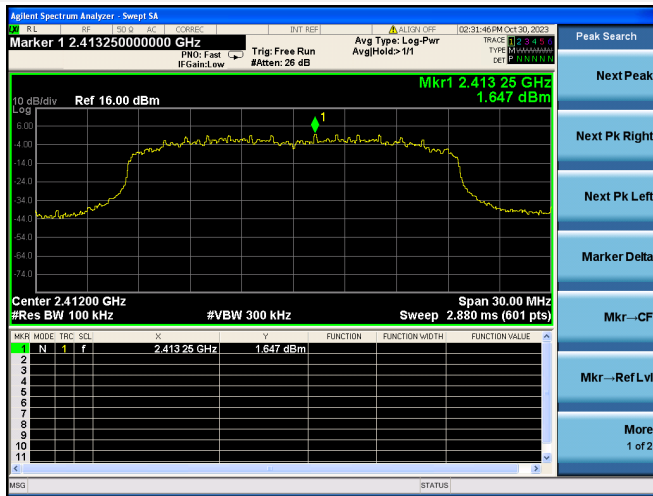
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



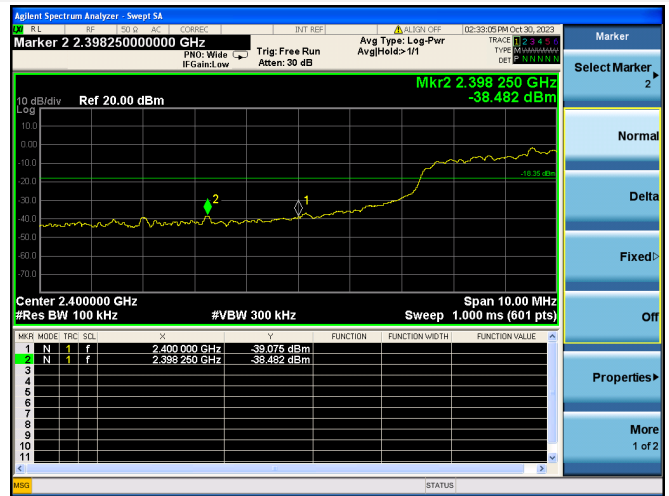
802.11n-20 MHz HIGH CHANNEL, BAND EDGE



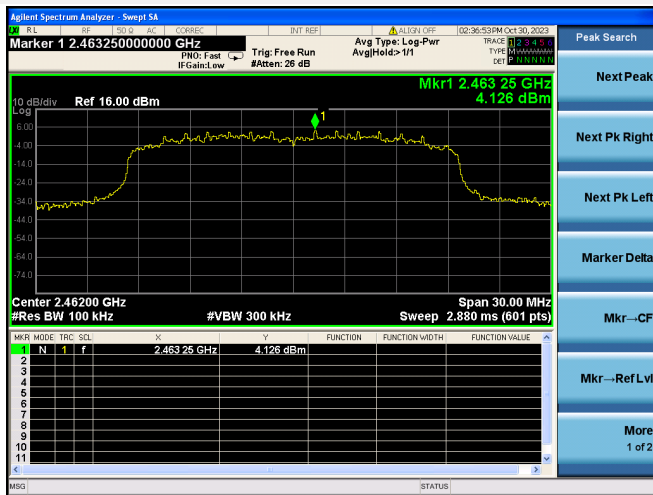
802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL



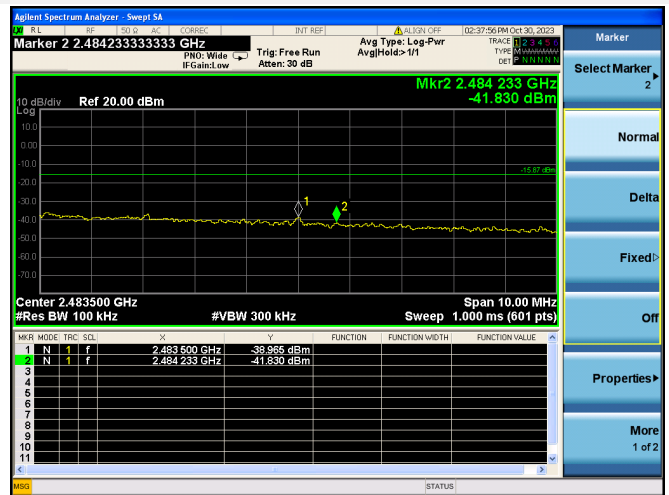
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



802.11ax-20 MHz(SU) HIGH CHANNEL, BAND EDGE





## A.5 Conducted Emissions

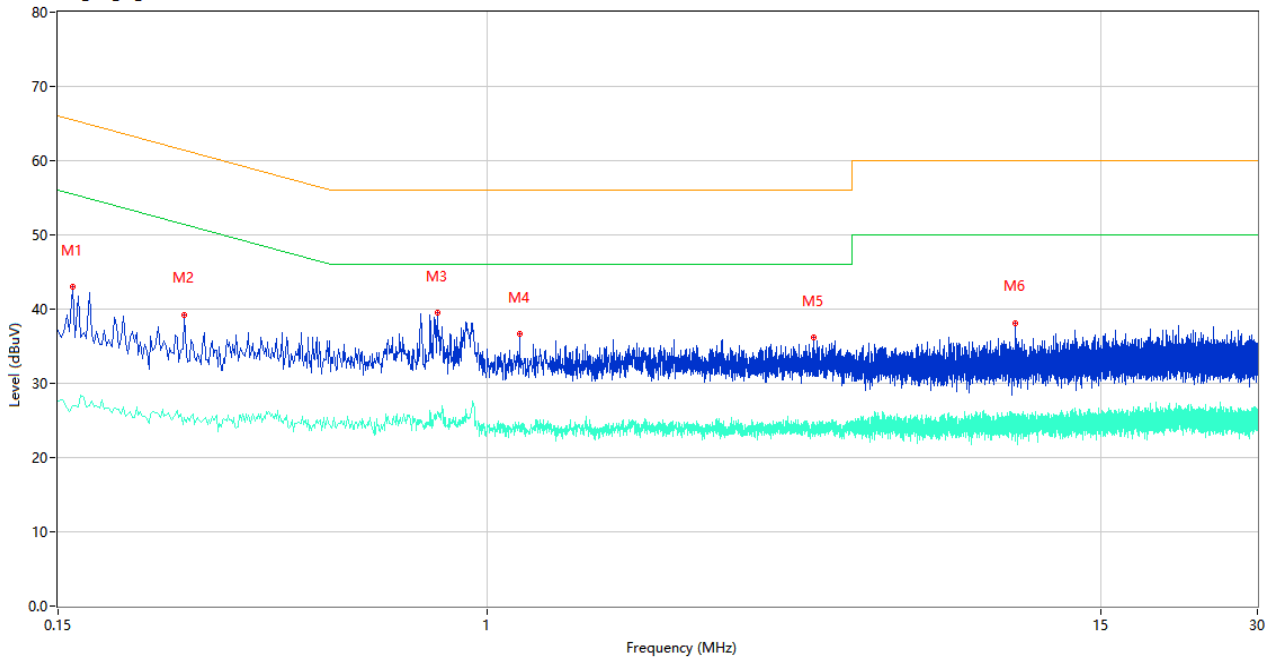
Note <sup>1</sup>: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note <sup>2</sup>: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz ) shown here.

### Test Data and Plots

#### PHASE L

CE Test case\_FCC\_CE\_FCC PART 15C

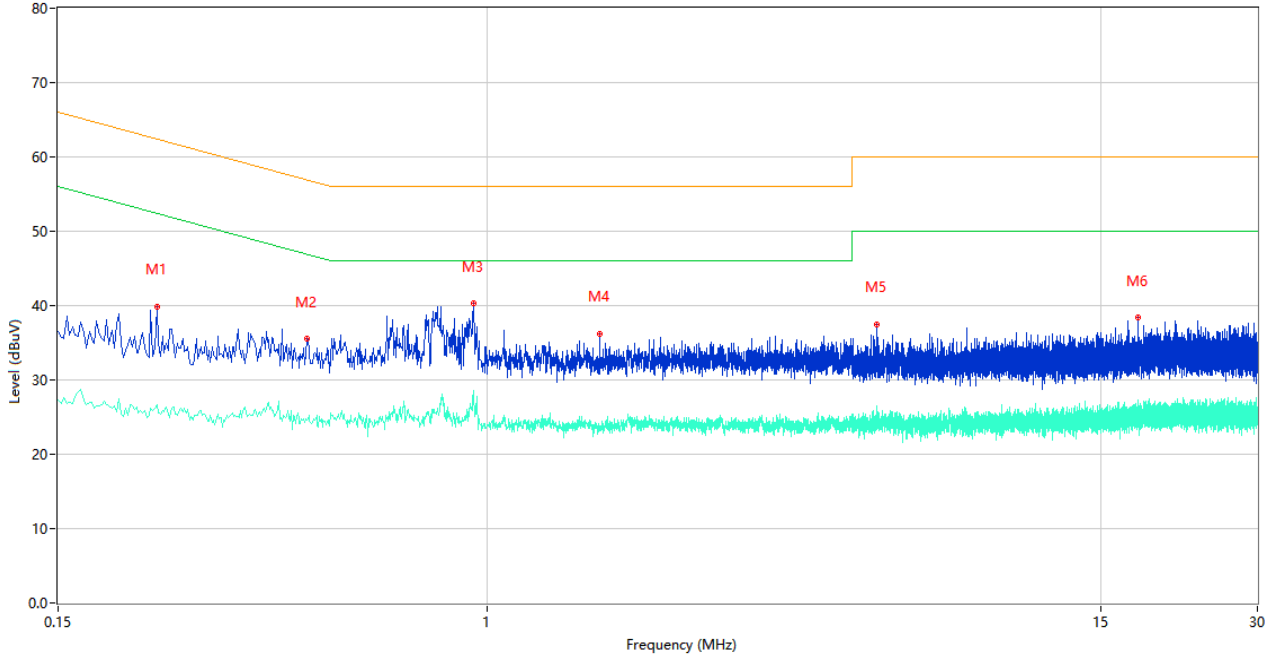


No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.160	43.00	9.78	65.46	22.46	Peak	L	Pass
1**	0.160	27.01	9.78	55.46	28.45	AV	L	Pass
2	0.262	39.21	9.76	61.37	22.16	Peak	L	Pass
2**	0.262	25.40	9.76	51.37	25.97	AV	L	Pass
3	0.802	39.52	10.53	56.00	16.48	Peak	L	Pass
3**	0.802	26.23	10.53	46.00	19.77	AV	L	Pass
4	1.154	36.60	10.35	56.00	19.40	Peak	L	Pass
4**	1.154	23.62	10.35	46.00	22.38	AV	L	Pass
5	4.218	36.13	10.00	56.00	19.87	Peak	L	Pass
5**	4.218	24.36	10.00	46.00	21.64	AV	L	Pass
6	10.302	38.14	10.51	60.00	21.86	Peak	L	Pass
6**	10.302	24.94	10.51	50.00	25.06	AV	L	Pass



PHASE N

CE Test case\_FCC\_CE\_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.232	39.91	9.77	62.38	22.47	Peak	N	Pass
1**	0.232	26.63	9.77	52.38	25.75	AV	N	Pass
2	0.450	35.54	10.03	56.88	21.34	Peak	N	Pass
2**	0.450	24.67	10.03	46.88	22.21	AV	N	Pass
3	0.940	40.26	10.08	56.00	15.74	Peak	N	Pass
3**	0.940	28.50	10.08	46.00	17.50	AV	N	Pass
4	1.640	36.20	9.91	56.00	19.80	Peak	N	Pass
4**	1.640	23.71	9.91	46.00	22.29	AV	N	Pass
5	5.594	37.47	10.41	60.00	22.53	Peak	N	Pass
5**	5.594	25.17	10.41	50.00	24.83	AV	N	Pass
6	17.720	38.41	11.02	60.00	21.59	Peak	N	Pass
6**	17.720	25.64	11.02	50.00	24.36	AV	N	Pass

## A.6 Radiated Emission

Note <sup>1</sup>: The symbol of “--” in the table which means not application.

Note <sup>2</sup>: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

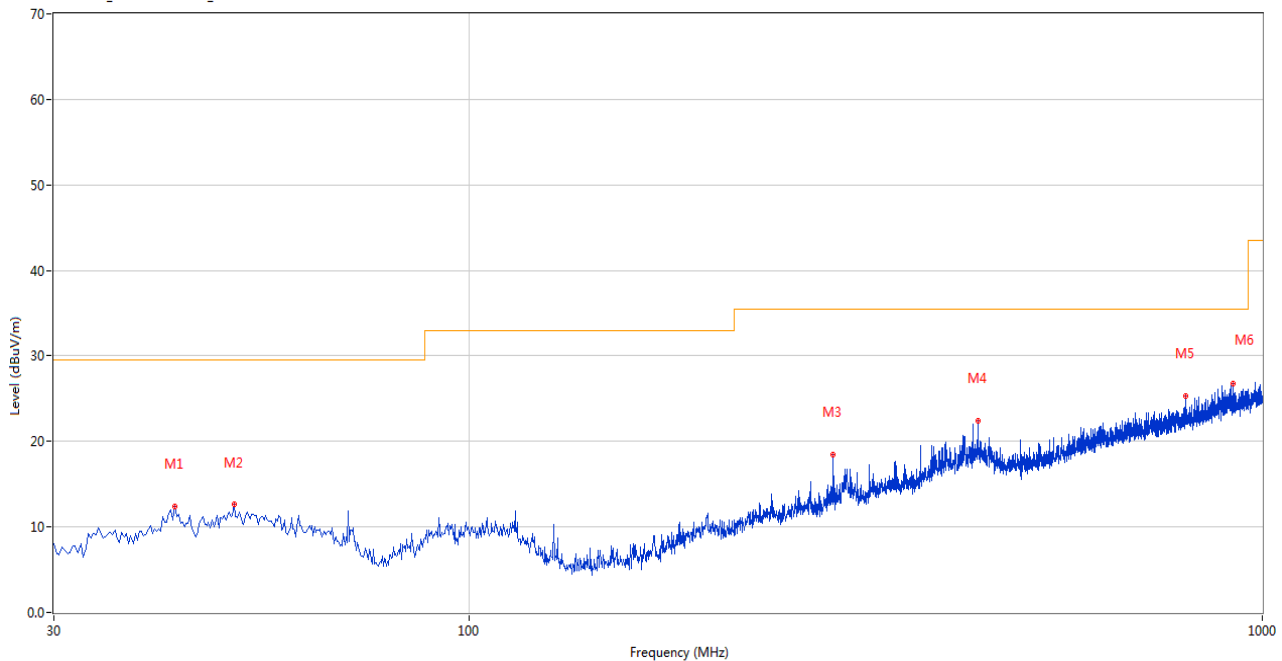
Note <sup>3</sup>: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note <sup>4</sup>: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

### Test Data and Plots

#### 30 MHz to 1 GHz, ANT H

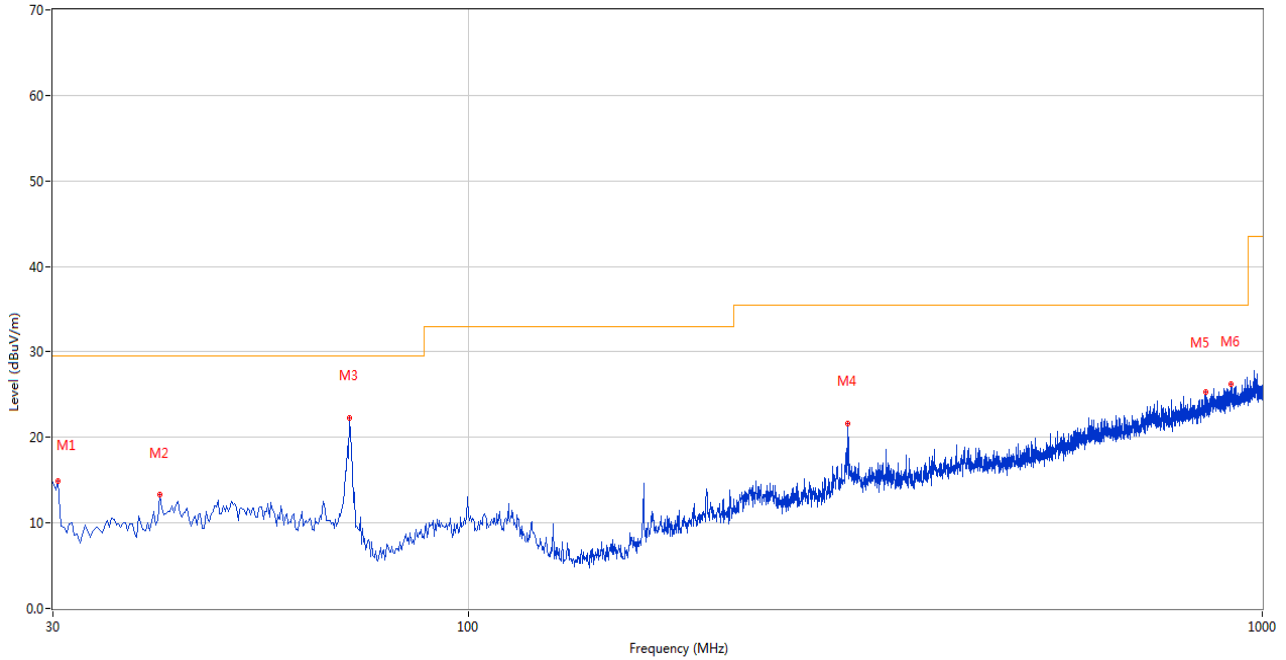
10m RE Test Case\_FCC Certification\_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	42.607	12.34	-26.23	29.5	17.16	Peak	326.00	200	Horizontal	Pass
2	50.607	12.59	-26.19	29.5	16.91	Peak	108.00	200	Horizontal	Pass
3	287.956	18.43	-25.19	35.5	17.07	Peak	192.00	200	Horizontal	Pass
4	437.783	22.41	-21.61	35.5	13.09	Peak	276.00	200	Horizontal	Pass
5	800.230	25.28	-14.43	35.5	10.22	Peak	360.00	200	Horizontal	Pass
6	919.995	26.75	-12.15	35.5	8.75	Peak	65.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

10m RE Test Case\_FCC Certification\_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.485	14.96	-29.45	29.5	14.54	Peak	189.00	100	Vertical	Pass
2	40.910	13.25	-27.06	29.5	16.25	Peak	295.00	100	Vertical	Pass
3	70.972	22.27	-30.91	29.5	7.23	Peak	360.00	200	Vertical	Pass
4	300.805	21.57	-25.14	35.5	13.93	Peak	183.00	100	Vertical	Pass
5	848.475	25.26	-13.60	35.5	10.24	Peak	360.00	200	Vertical	Pass
6	914.419	26.18	-12.48	35.5	9.32	Peak	276.00	100	Vertical	Pass

Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note 2: The spurious above 18G is noise only, do not show on the report.

#### 1 GHz to 18 GHz, ANT H 802.11b Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.600	42.82	-17.50	74.0	31.18	Peak	63.00	200	Horizontal	Pass
1**	1331.600	36.43	-17.50	54.0	17.57	AV	63.00	200	Horizontal	Pass
2	2412.000	106.16	-12.52	74.0	-32.16	Peak	200.00	100	Horizontal	N/A
2**	2412.000	99.50	-12.52	54.0	-45.50	AV	200.00	100	Horizontal	N/A
3	4907.600	51.12	-2.37	74.0	22.88	Peak	6.00	150	Horizontal	Pass
3**	4907.600	42.44	-2.37	54.0	11.56	AV	6.00	150	Horizontal	Pass
4	6608.200	55.16	1.56	74.0	18.84	Peak	140.00	400	Horizontal	Pass
4**	6608.200	46.18	1.56	54.0	7.82	AV	140.00	400	Horizontal	Pass
5	12883.613	53.75	1.56	74.0	20.25	Peak	217.00	400	Horizontal	Pass
5**	12883.613	44.21	1.56	54.0	9.79	AV	217.00	400	Horizontal	Pass
6	17440.088	56.30	3.02	74.0	17.70	Peak	360.00	100	Horizontal	Pass
6**	17440.088	47.20	3.02	54.0	6.80	AV	360.00	100	Horizontal	Pass

#### 1 GHz to 18 GHz, ANT V 802.11b Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.000	47.57	-17.48	74.0	26.43	Peak	139.00	150	Vertical	Pass
1**	1331.000	30.99	-17.48	54.0	23.01	AV	139.00	150	Vertical	Pass
2	2410.800	97.71	-12.60	74.0	-23.71	Peak	41.00	200	Vertical	N/A
2**	2410.800	94.77	-12.60	54.0	-40.77	AV	41.00	200	Vertical	N/A
3	3989.800	52.17	-5.71	74.0	21.83	Peak	104.00	150	Vertical	Pass
3**	3989.800	40.46	-5.71	54.0	13.54	AV	104.00	150	Vertical	Pass
4	6608.000	55.25	1.55	74.0	18.75	Peak	360.00	300	Vertical	Pass
4**	6608.000	45.97	1.55	54.0	8.03	AV	360.00	300	Vertical	Pass
5	12822.450	53.15	0.98	74.0	20.85	Peak	167.00	300	Vertical	Pass
5**	12822.450	44.68	0.98	54.0	9.32	AV	167.00	300	Vertical	Pass
6	17418.301	56.55	3.72	74.0	17.45	Peak	0.00	100	Vertical	Pass
6**	17418.301	47.61	3.72	54.0	6.39	AV	0.00	100	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11b Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.900	40.16	-17.65	74.0	33.84	Peak	67.00	300	Horizontal	Pass
1**	1327.900	29.52	-17.65	54.0	24.48	AV	67.00	300	Horizontal	Pass
2	2435.800	104.24	-12.52	74.0	-30.24	Peak	0.00	150	Horizontal	N/A
2**	2435.800	101.06	-12.52	54.0	-47.06	AV	0.00	150	Horizontal	N/A
3	4916.400	51.03	-2.56	74.0	22.97	Peak	117.00	150	Horizontal	Pass
3**	4916.400	42.48	-2.56	54.0	11.52	AV	117.00	150	Horizontal	Pass
4	6610.200	55.93	1.52	74.0	18.07	Peak	95.00	200	Horizontal	Pass
4**	6610.200	46.02	1.52	54.0	7.98	AV	95.00	200	Horizontal	Pass
5	12982.838	53.57	1.01	74.0	20.43	Peak	90.00	200	Horizontal	Pass
5**	12982.838	44.82	1.01	54.0	9.18	AV	90.00	200	Horizontal	Pass
6	17442.449	56.62	2.94	74.0	17.38	Peak	34.00	400	Horizontal	Pass
6**	17442.449	47.04	2.94	54.0	6.96	AV	34.00	400	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11b Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.800	45.78	-17.52	74.0	28.22	Peak	110.00	100	Vertical	Pass
1**	1332.800	37.39	-17.52	54.0	16.61	AV	110.00	100	Vertical	Pass
2	2436.200	96.38	-12.51	74.0	-22.38	Peak	185.00	100	Vertical	N/A
2**	2436.200	92.64	-12.51	54.0	-38.64	AV	185.00	100	Vertical	N/A
3	3997.000	50.00	-5.12	74.0	24.00	Peak	6.00	150	Vertical	Pass
3**	3997.000	38.91	-5.12	54.0	15.09	AV	6.00	150	Vertical	Pass
4	6671.400	54.90	0.21	74.0	19.10	Peak	325.00	200	Vertical	Pass
4**	6671.400	45.82	0.21	54.0	8.18	AV	325.00	200	Vertical	Pass
5	12330.537	53.71	1.41	74.0	20.29	Peak	349.00	300	Vertical	Pass
5**	12330.537	44.06	1.41	54.0	9.94	AV	349.00	300	Vertical	Pass
6	16132.575	55.98	1.04	74.0	18.02	Peak	218.00	400	Vertical	Pass
6**	16132.575	46.11	1.04	54.0	7.89	AV	218.00	400	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11b High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.400	42.15	-17.59	74.0	31.85	Peak	69.00	400	Horizontal	Pass
1**	1329.400	34.41	-17.59	54.0	19.59	AV	69.00	400	Horizontal	Pass
2	2461.100	105.38	-12.54	74.0	-31.38	Peak	360.00	100	Horizontal	N/A
2**	2461.100	100.73	-12.54	54.0	-46.73	AV	360.00	100	Horizontal	N/A
3	4891.200	51.50	-3.11	74.0	22.50	Peak	133.00	200	Horizontal	Pass
3**	4891.200	41.44	-3.11	54.0	12.56	AV	133.00	200	Horizontal	Pass
4	6273.200	54.77	0.56	74.0	19.23	Peak	228.00	100	Horizontal	Pass
4**	6273.200	45.70	0.56	54.0	8.30	AV	228.00	100	Horizontal	Pass
5	12328.813	53.85	1.42	74.0	20.15	Peak	72.00	400	Horizontal	Pass
5**	12328.813	44.09	1.42	54.0	9.91	AV	72.00	400	Horizontal	Pass
6	17420.663	56.71	3.74	74.0	17.29	Peak	310.00	200	Horizontal	Pass
6**	17420.663	47.19	3.74	54.0	6.81	AV	310.00	200	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11b High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.900	45.45	-17.51	74.0	28.55	Peak	341.00	400	Vertical	Pass
1**	1331.900	38.86	-17.51	54.0	15.14	AV	341.00	400	Vertical	Pass
2	2462.000	95.80	-12.52	74.0	-21.80	Peak	7.00	150	Vertical	N/A
2**	2462.000	88.84	-12.52	54.0	-34.84	AV	7.00	150	Vertical	N/A
3	5126.800	52.31	-1.89	74.0	21.69	Peak	69.00	150	Vertical	Pass
3**	5126.800	42.18	-1.89	54.0	11.82	AV	69.00	150	Vertical	Pass
4	6605.200	54.81	1.22	74.0	19.19	Peak	161.00	400	Vertical	Pass
4**	6605.200	46.86	1.22	54.0	7.14	AV	161.00	400	Vertical	Pass
5	12811.162	53.29	0.85	74.0	20.71	Peak	110.00	200	Vertical	Pass
5**	12811.162	44.62	0.85	54.0	9.38	AV	110.00	200	Vertical	Pass
6	17472.375	56.53	2.87	74.0	17.47	Peak	243.00	300	Vertical	Pass
6**	17472.375	46.62	2.87	54.0	7.38	AV	243.00	300	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11g Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.900	41.92	-17.48	74.0	32.08	Peak	27.00	100	Horizontal	Pass
1**	1330.900	31.35	-17.48	54.0	22.65	AV	27.00	100	Horizontal	Pass
2	2407.500	105.63	-12.46	74.0	-31.63	Peak	0.00	100	Horizontal	N/A
2**	2407.500	98.73	-12.46	54.0	-44.73	AV	0.00	100	Horizontal	N/A
3	4792.000	51.01	-2.50	74.0	22.99	Peak	76.00	150	Horizontal	Pass
3**	4792.000	41.71	-2.50	54.0	12.29	AV	76.00	150	Horizontal	Pass
4	6609.400	54.39	1.57	74.0	19.61	Peak	315.00	300	Horizontal	Pass
4**	6609.400	47.16	1.57	54.0	6.84	AV	315.00	300	Horizontal	Pass
5	12827.700	53.66	1.09	74.0	20.34	Peak	219.00	300	Horizontal	Pass
5**	12827.700	44.50	1.09	54.0	9.50	AV	219.00	300	Horizontal	Pass
6	13375.275	56.41	0.68	74.0	17.59	Peak	237.00	300	Horizontal	Pass
6**	13375.275	45.99	0.68	54.0	8.01	AV	237.00	300	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11g Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.200	46.92	-17.51	74.0	27.08	Peak	122.00	300	Vertical	Pass
1**	1333.200	41.21	-17.51	54.0	12.79	AV	122.00	300	Vertical	Pass
2	2405.400	95.43	-12.32	74.0	-21.43	Peak	7.00	100	Vertical	N/A
2**	2405.400	87.56	-12.32	54.0	-33.56	AV	7.00	100	Vertical	N/A
3	2663.400	52.98	-11.30	74.0	21.02	Peak	177.00	150	Vertical	Pass
3**	2663.400	43.99	-11.30	54.0	10.01	AV	177.00	150	Vertical	Pass
4	6408.200	54.60	0.30	74.0	19.40	Peak	31.00	200	Vertical	Pass
4**	6408.200	45.34	0.30	54.0	8.66	AV	31.00	200	Vertical	Pass
5	12852.901	53.63	1.40	74.0	20.37	Peak	19.00	400	Vertical	Pass
5**	12852.901	43.84	1.40	54.0	10.16	AV	19.00	400	Vertical	Pass
6	13372.387	56.40	0.69	74.0	17.60	Peak	106.00	400	Vertical	Pass
6**	13372.387	45.86	0.69	54.0	8.14	AV	106.00	400	Vertical	Pass



## 1 GHz to 18 GHz, ANT H 802.11g Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.000	42.96	-17.55	74.0	31.04	Peak	59.00	400	Horizontal	Pass
1**	1327.000	30.27	-17.55	54.0	23.73	AV	59.00	400	Horizontal	Pass
2	2438.300	105.49	-12.44	74.0	-31.49	Peak	360.00	150	Horizontal	N/A
2**	2438.300	98.15	-12.44	54.0	-44.15	AV	360.00	150	Horizontal	N/A
3	4762.800	51.09	-3.37	74.0	22.91	Peak	323.00	150	Horizontal	Pass
3**	4762.800	41.15	-3.37	54.0	12.85	AV	323.00	150	Horizontal	Pass
4	6614.800	54.64	0.99	74.0	19.36	Peak	83.00	100	Horizontal	Pass
4**	6614.800	45.40	0.99	54.0	8.60	AV	83.00	100	Horizontal	Pass
5	12854.213	53.13	1.41	74.0	20.87	Peak	127.00	300	Horizontal	Pass
5**	12854.213	44.20	1.41	54.0	9.80	AV	127.00	300	Horizontal	Pass
6	17466.075	56.31	2.89	74.0	17.69	Peak	211.00	300	Horizontal	Pass
6**	17466.075	46.91	2.89	54.0	7.09	AV	211.00	300	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11g Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.600	46.51	-17.68	74.0	27.49	Peak	139.00	200	Vertical	Pass
1**	1328.600	37.07	-17.68	54.0	16.93	AV	139.00	200	Vertical	Pass
2	2432.700	93.75	-12.69	74.0	-19.75	Peak	127.00	200	Vertical	N/A
2**	2432.700	86.40	-12.69	54.0	-32.40	AV	127.00	200	Vertical	N/A
3	5579.200	52.87	-1.92	74.0	21.13	Peak	135.00	150	Vertical	Pass
3**	5579.200	42.45	-1.92	54.0	11.55	AV	135.00	150	Vertical	Pass
4	6609.400	54.87	1.57	74.0	19.13	Peak	270.00	300	Vertical	Pass
4**	6609.400	46.30	1.57	54.0	7.70	AV	270.00	300	Vertical	Pass
5	12866.550	53.47	1.43	74.0	20.53	Peak	19.00	400	Vertical	Pass
5**	12866.550	45.32	1.43	54.0	8.68	AV	19.00	400	Vertical	Pass
6	17400.975	56.54	3.20	74.0	17.46	Peak	273.00	100	Vertical	Pass
6**	17400.975	47.45	3.20	54.0	6.55	AV	273.00	100	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11g High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	40.54	-17.48	74.0	33.46	Peak	156.00	100	Horizontal	Pass
1**	1500.000	29.58	-17.48	54.0	24.42	AV	156.00	100	Horizontal	Pass
2	2464.200	103.71	-12.47	74.0	-29.71	Peak	1.00	150	Horizontal	N/A
2**	2464.200	95.80	-12.47	54.0	-41.80	AV	1.00	150	Horizontal	N/A
3	5706.400	54.16	-1.58	74.0	19.84	Peak	63.00	150	Horizontal	Pass
3**	5706.400	43.70	-1.58	54.0	10.30	AV	63.00	150	Horizontal	Pass
4	6609.000	55.42	1.59	74.0	18.58	Peak	63.00	200	Horizontal	Pass
4**	6609.000	46.73	1.59	54.0	7.27	AV	63.00	200	Horizontal	Pass
5	12847.388	53.46	1.36	74.0	20.54	Peak	360.00	200	Horizontal	Pass
5**	12847.388	44.82	1.36	54.0	9.18	AV	360.00	200	Horizontal	Pass
6	17391.526	56.57	2.91	74.0	17.43	Peak	328.00	200	Horizontal	Pass
6**	17391.526	46.52	2.91	54.0	7.48	AV	328.00	200	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11g High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.800	44.47	-17.55	74.0	29.53	Peak	134.00	400	Vertical	Pass
1**	1329.800	31.17	-17.55	54.0	22.83	AV	134.00	400	Vertical	Pass
2	2455.700	92.77	-12.53	74.0	-18.77	Peak	8.00	150	Vertical	N/A
2**	2455.700	84.76	-12.53	54.0	-30.76	AV	8.00	150	Vertical	N/A
3	4788.600	51.99	-2.52	74.0	22.01	Peak	199.00	150	Vertical	Pass
3**	4788.600	41.91	-2.52	54.0	12.09	AV	199.00	150	Vertical	Pass
4	6273.200	54.55	0.56	74.0	19.45	Peak	77.00	400	Vertical	Pass
4**	6273.200	46.24	0.56	54.0	7.76	AV	77.00	400	Vertical	Pass
5	12807.487	53.57	0.89	74.0	20.43	Peak	360.00	300	Vertical	Pass
5**	12807.487	44.43	0.89	54.0	9.57	AV	360.00	300	Vertical	Pass
6	17410.687	56.32	3.47	74.0	17.68	Peak	360.00	300	Vertical	Pass
6**	17410.687	47.14	3.47	54.0	6.86	AV	360.00	300	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.200	44.18	-17.51	74.0	29.82	Peak	25.00	200	Horizontal	Pass
1**	1333.200	29.79	-17.51	54.0	24.21	AV	25.00	200	Horizontal	Pass
2	2408.000	105.26	-12.50	74.0	-31.26	Peak	0.00	200	Horizontal	N/A
2**	2408.000	97.92	-12.50	54.0	-43.92	AV	0.00	200	Horizontal	N/A
3	4917.000	51.70	-2.54	74.0	22.30	Peak	194.00	150	Horizontal	Pass
3**	4917.000	41.80	-2.54	54.0	12.20	AV	194.00	150	Horizontal	Pass
4	6612.000	54.81	1.41	74.0	19.19	Peak	278.00	100	Horizontal	Pass
4**	6612.000	46.52	1.41	54.0	7.48	AV	278.00	100	Horizontal	Pass
5	11943.276	53.62	1.59	74.0	20.38	Peak	348.00	400	Horizontal	Pass
5**	11943.276	44.96	1.59	54.0	9.04	AV	348.00	400	Horizontal	Pass
6	17419.088	56.61	3.74	74.0	17.39	Peak	71.00	200	Horizontal	Pass
6**	17419.088	47.30	3.74	54.0	6.70	AV	71.00	200	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.800	45.98	-17.52	74.0	28.02	Peak	146.00	400	Vertical	Pass
1**	1332.800	36.60	-17.52	54.0	17.40	AV	146.00	400	Vertical	Pass
2	2405.900	95.14	-12.35	74.0	-21.14	Peak	6.00	200	Vertical	N/A
2**	2405.900	88.13	-12.35	54.0	-34.13	AV	6.00	200	Vertical	N/A
3	4924.600	51.33	-2.35	74.0	22.67	Peak	360.00	100	Vertical	Pass
3**	4924.600	41.63	-2.35	54.0	12.37	AV	360.00	100	Vertical	Pass
4	6603.000	55.22	0.84	74.0	18.78	Peak	204.00	300	Vertical	Pass
4**	6603.000	45.94	0.84	54.0	8.06	AV	204.00	300	Vertical	Pass
5	12293.450	53.97	1.60	74.0	20.03	Peak	309.00	100	Vertical	Pass
5**	12293.450	43.59	1.60	54.0	10.41	AV	309.00	100	Vertical	Pass
6	17415.938	56.25	3.66	74.0	17.75	Peak	351.00	400	Vertical	Pass
6**	17415.938	47.48	3.66	54.0	6.52	AV	351.00	400	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.200	43.10	-17.61	74.0	30.90	Peak	19.00	400	Horizontal	Pass
1**	1329.200	35.65	-17.61	54.0	18.35	AV	19.00	400	Horizontal	Pass
2	2440.000	103.83	-12.41	74.0	-29.83	Peak	6.00	150	Horizontal	N/A
2**	2440.000	96.13	-12.41	54.0	-42.13	AV	6.00	150	Horizontal	N/A
3	4970.600	50.87	-3.14	74.0	23.13	Peak	97.00	200	Horizontal	Pass
3**	4970.600	42.07	-3.14	54.0	11.93	AV	97.00	200	Horizontal	Pass
4	6611.200	55.08	1.46	74.0	18.92	Peak	33.00	100	Horizontal	Pass
4**	6611.200	46.07	1.46	54.0	7.93	AV	33.00	100	Horizontal	Pass
5	12842.662	53.63	1.34	74.0	20.37	Peak	286.00	300	Horizontal	Pass
5**	12842.662	44.51	1.34	54.0	9.49	AV	286.00	300	Horizontal	Pass
6	17342.175	56.23	1.61	74.0	17.77	Peak	360.00	100	Horizontal	Pass
6**	17342.175	46.09	1.61	54.0	7.91	AV	360.00	100	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.400	44.31	-17.50	74.0	29.69	Peak	114.00	100	Vertical	Pass
1**	1333.400	30.18	-17.50	54.0	23.82	AV	114.00	100	Vertical	Pass
2	2440.200	93.56	-12.41	74.0	-19.56	Peak	6.00	200	Vertical	N/A
2**	2440.200	86.20	-12.41	54.0	-32.20	AV	6.00	200	Vertical	N/A
3	4892.600	51.07	-3.01	74.0	22.93	Peak	38.00	150	Vertical	Pass
3**	4892.600	41.83	-3.01	54.0	12.17	AV	38.00	150	Vertical	Pass
4	6613.200	55.00	1.32	74.0	19.00	Peak	38.00	400	Vertical	Pass
4**	6613.200	45.13	1.32	54.0	8.87	AV	38.00	400	Vertical	Pass
5	12838.725	53.59	1.31	74.0	20.41	Peak	102.00	300	Vertical	Pass
5**	12838.725	44.03	1.31	54.0	9.97	AV	102.00	300	Vertical	Pass
6	17392.574	56.45	2.94	74.0	17.55	Peak	236.00	300	Vertical	Pass
6**	17392.574	47.11	2.94	54.0	6.89	AV	236.00	300	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.500	40.05	-17.97	74.0	33.95	Peak	37.00	200	Horizontal	Pass
1**	1161.500	28.90	-17.97	54.0	25.10	AV	37.00	200	Horizontal	Pass
2	2458.100	102.63	-12.53	74.0	-28.63	Peak	0.00	200	Horizontal	N/A
2**	2458.100	95.42	-12.53	54.0	-41.42	AV	0.00	200	Horizontal	N/A
3	5884.800	53.44	-0.96	74.0	20.56	Peak	337.00	150	Horizontal	Pass
3**	5884.800	45.08	-0.96	54.0	8.92	AV	337.00	150	Horizontal	Pass
4	6605.200	54.48	1.22	74.0	19.52	Peak	146.00	400	Horizontal	Pass
4**	6605.200	45.92	1.22	54.0	8.08	AV	146.00	400	Horizontal	Pass
5	12271.887	53.17	1.51	74.0	20.83	Peak	274.00	300	Horizontal	Pass
5**	12271.887	44.64	1.51	54.0	9.36	AV	274.00	300	Horizontal	Pass
6	17419.350	56.50	3.74	74.0	17.50	Peak	284.00	400	Horizontal	Pass
6**	17419.350	47.33	3.74	54.0	6.67	AV	284.00	400	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.500	44.38	-17.69	74.0	29.62	Peak	135.00	200	Vertical	Pass
1**	1328.500	33.10	-17.69	54.0	20.90	AV	135.00	200	Vertical	Pass
2	2456.100	90.23	-12.49	74.0	-16.23	Peak	38.00	100	Vertical	N/A
2**	2456.100	83.63	-12.49	54.0	-29.63	AV	38.00	100	Vertical	N/A
3	5130.000	53.26	-1.92	74.0	20.74	Peak	54.00	150	Vertical	Pass
3**	5130.000	42.01	-1.92	54.0	11.99	AV	54.00	150	Vertical	Pass
4	6605.800	55.19	1.32	74.0	18.81	Peak	102.00	400	Vertical	Pass
4**	6605.800	46.01	1.32	54.0	7.99	AV	102.00	400	Vertical	Pass
5	12285.112	53.81	1.77	74.0	20.19	Peak	62.00	100	Vertical	Pass
5**	12285.112	44.51	1.77	54.0	9.49	AV	62.00	100	Vertical	Pass
6	17392.312	56.18	2.93	74.0	17.82	Peak	360.00	300	Vertical	Pass
6**	17392.312	47.39	2.93	54.0	6.61	AV	360.00	300	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.000	40.37	-17.53	74.0	33.63	Peak	64.00	400	Horizontal	Pass
1**	1330.000	32.28	-17.53	54.0	21.72	AV	64.00	400	Horizontal	Pass
2	2407.500	105.44	-12.46	74.0	-31.44	Peak	16.00	100	Horizontal	N/A
2**	2407.500	97.26	-12.46	54.0	-43.26	AV	16.00	100	Horizontal	N/A
3	4962.000	51.24	-2.83	74.0	22.76	Peak	300.00	100	Horizontal	Pass
3**	4962.000	41.77	-2.83	54.0	12.23	AV	300.00	100	Horizontal	Pass
4	6605.000	55.04	1.18	74.0	18.96	Peak	227.00	400	Horizontal	Pass
4**	6605.000	46.13	1.18	54.0	7.87	AV	227.00	400	Horizontal	Pass
5	12847.912	53.61	1.36	74.0	20.39	Peak	296.00	400	Horizontal	Pass
5**	12847.912	44.88	1.36	54.0	9.12	AV	296.00	400	Horizontal	Pass
6	17434.837	56.21	3.27	74.0	17.79	Peak	255.00	400	Horizontal	Pass
6**	17434.837	47.16	3.27	54.0	6.84	AV	255.00	400	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V802.11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.600	43.96	-17.50	74.0	30.04	Peak	161.00	200	Vertical	Pass
1**	1333.600	30.30	-17.50	54.0	23.70	AV	161.00	200	Vertical	Pass
2	2406.900	95.23	-12.42	74.0	-21.23	Peak	11.00	200	Vertical	N/A
2**	2406.900	87.80	-12.42	54.0	-33.80	AV	11.00	200	Vertical	N/A
3	4820.400	51.72	-3.33	74.0	22.28	Peak	0.00	150	Vertical	Pass
3**	4820.400	42.19	-3.33	54.0	11.81	AV	0.00	150	Vertical	Pass
4	6607.400	55.56	1.51	74.0	18.44	Peak	297.00	100	Vertical	Pass
4**	6607.400	46.56	1.51	54.0	7.44	AV	297.00	100	Vertical	Pass
5	12857.625	55.15	1.44	74.0	18.85	Peak	295.00	300	Vertical	Pass
5**	12857.625	45.17	1.44	54.0	8.83	AV	295.00	300	Vertical	Pass
6	15659.025	56.48	1.26	74.0	17.52	Peak	88.00	200	Vertical	Pass
6**	15659.025	46.05	1.26	54.0	7.95	AV	88.00	200	Vertical	Pass

## 1 GHz to 18 GHz, ANT H 802.11ax20(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.800	40.43	-17.65	74.0	33.57	Peak	31.00	100	Horizontal	Pass
1**	1328.800	29.46	-17.65	54.0	24.54	AV	31.00	100	Horizontal	Pass
2	2433.000	104.72	-12.68	74.0	-30.72	Peak	357.00	100	Horizontal	N/A
2**	2433.000	97.20	-12.68	54.0	-43.20	AV	357.00	100	Horizontal	N/A
3	4586.800	51.14	-3.62	74.0	22.86	Peak	360.00	150	Horizontal	Pass
3**	4586.800	41.28	-3.62	54.0	12.72	AV	360.00	150	Horizontal	Pass
4	6610.600	54.97	1.49	74.0	19.03	Peak	325.00	100	Horizontal	Pass
4**	6610.600	46.19	1.49	54.0	7.81	AV	325.00	100	Horizontal	Pass
5	12820.350	53.21	0.92	74.0	20.79	Peak	360.00	300	Horizontal	Pass
5**	12820.350	44.14	0.92	54.0	9.86	AV	360.00	300	Horizontal	Pass
6	16030.725	56.70	0.72	74.0	17.30	Peak	198.00	400	Horizontal	Pass
6**	16030.725	45.99	0.72	54.0	8.01	AV	198.00	400	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11ax20(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.000	43.73	-17.51	74.0	30.27	Peak	153.00	400	Vertical	Pass
1**	1332.000	32.58	-17.51	54.0	21.42	AV	153.00	400	Vertical	Pass
2	2435.200	93.48	-12.55	74.0	-19.48	Peak	170.00	100	Vertical	N/A
2**	2435.200	85.50	-12.55	54.0	-31.50	AV	170.00	100	Vertical	N/A
3	5325.800	52.90	-2.82	74.0	21.10	Peak	45.00	150	Vertical	Pass
3**	5325.800	41.82	-2.82	54.0	12.18	AV	45.00	150	Vertical	Pass
4	6609.800	55.17	1.54	74.0	18.83	Peak	173.00	100	Vertical	Pass
4**	6609.800	46.53	1.54	54.0	7.47	AV	173.00	100	Vertical	Pass
5	12841.612	54.03	1.33	74.0	19.97	Peak	223.00	200	Vertical	Pass
5**	12841.612	45.92	1.33	54.0	8.08	AV	223.00	200	Vertical	Pass
6	17454.787	56.41	2.84	74.0	17.59	Peak	245.00	300	Vertical	Pass
6**	17454.787	46.24	2.84	54.0	7.76	AV	245.00	300	Vertical	Pass



## 1 GHz to 18 GHz, ANT H802.11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.700	40.15	-17.62	74.0	33.85	Peak	48.00	200	Horizontal	Pass
1**	1327.700	32.34	-17.62	54.0	21.66	AV	48.00	200	Horizontal	Pass
2	2460.700	103.47	-12.55	74.0	-29.47	Peak	3.00	100	Horizontal	N/A
2**	2460.700	95.79	-12.55	54.0	-41.79	AV	3.00	100	Horizontal	N/A
3	5577.200	53.14	-1.91	74.0	20.86	Peak	188.00	150	Horizontal	Pass
3**	5577.200	42.37	-1.91	54.0	11.63	AV	188.00	150	Horizontal	Pass
4	6265.600	54.46	-0.21	74.0	19.54	Peak	188.00	200	Horizontal	Pass
4**	6265.600	44.98	-0.21	54.0	9.02	AV	188.00	200	Horizontal	Pass
5	12330.825	53.86	1.40	74.0	20.14	Peak	181.00	300	Horizontal	Pass
5**	12330.825	43.71	1.40	54.0	10.29	AV	181.00	300	Horizontal	Pass
6	13329.599	57.00	0.93	74.0	17.00	Peak	283.00	200	Horizontal	Pass
6**	13329.599	46.62	0.93	54.0	7.38	AV	283.00	200	Horizontal	Pass

## 1 GHz to 18 GHz, ANT V 802.11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.800	46.27	-17.52	74.0	27.73	Peak	151.00	300	Vertical	Pass
1**	1332.800	36.87	-17.52	54.0	17.13	AV	151.00	300	Vertical	Pass
2	2458.300	91.14	-12.55	74.0	-17.14	Peak	127.00	200	Vertical	N/A
2**	2458.300	83.03	-12.55	54.0	-29.03	AV	127.00	200	Vertical	N/A
3	5311.600	52.50	-2.65	74.0	21.50	Peak	38.00	150	Vertical	Pass
3**	5311.600	42.01	-2.65	54.0	11.99	AV	38.00	150	Vertical	Pass
4	6604.000	56.01	1.01	74.0	17.99	Peak	138.00	100	Vertical	Pass
4**	6604.000	45.54	1.01	54.0	8.46	AV	138.00	100	Vertical	Pass
5	11502.537	53.22	-0.02	74.0	20.78	Peak	46.00	200	Vertical	Pass
5**	11502.537	43.30	-0.02	54.0	10.70	AV	46.00	200	Vertical	Pass
6	13308.075	55.73	0.86	74.0	18.27	Peak	36.00	400	Vertical	Pass
6**	13308.075	46.29	0.86	54.0	7.71	AV	36.00	400	Vertical	Pass

## A.7 Band Edge (Restricted-band band-edge)

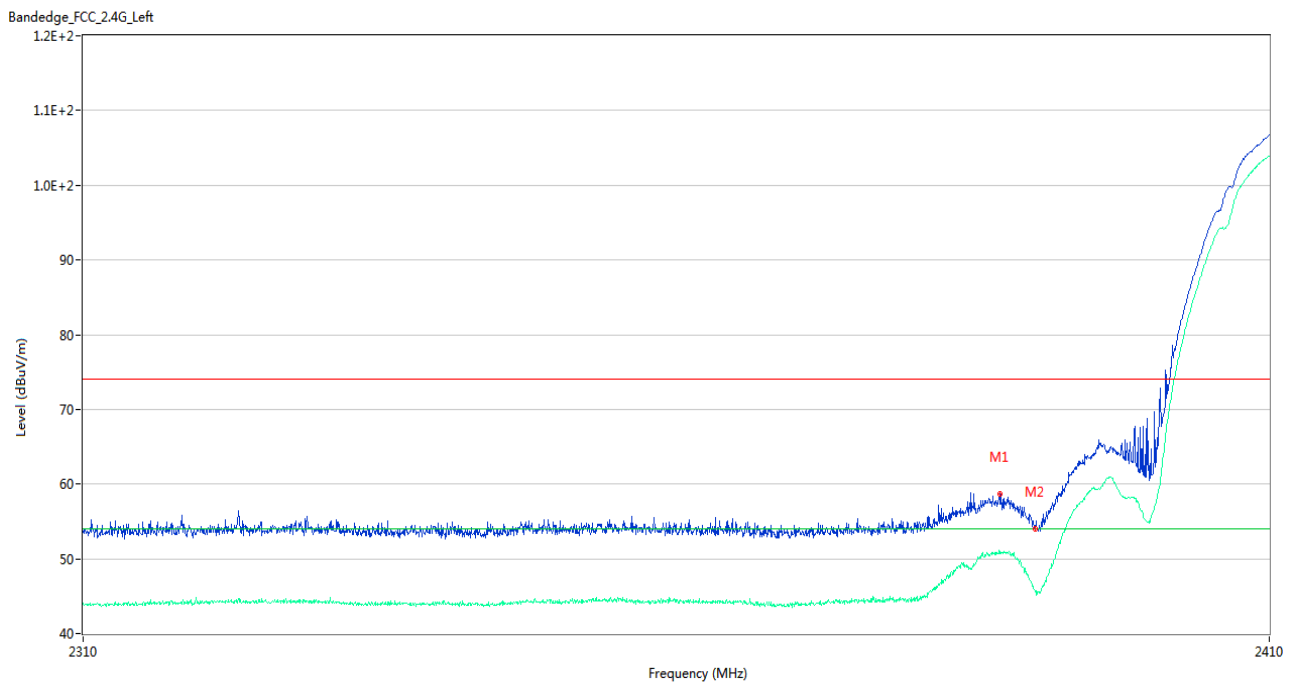
Note <sup>1</sup>: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

Note <sup>2</sup>: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

Note <sup>3</sup>: According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

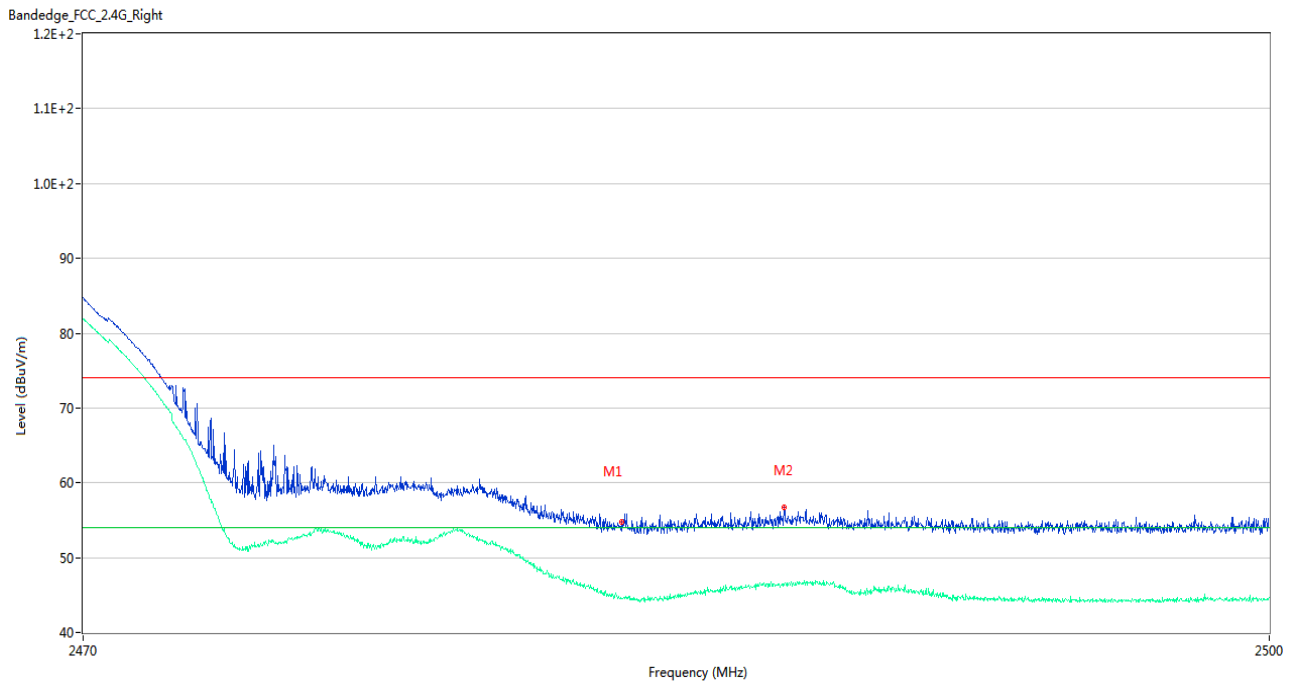
### Test Data and Plots

#### 802.11b LOW CHANNEL



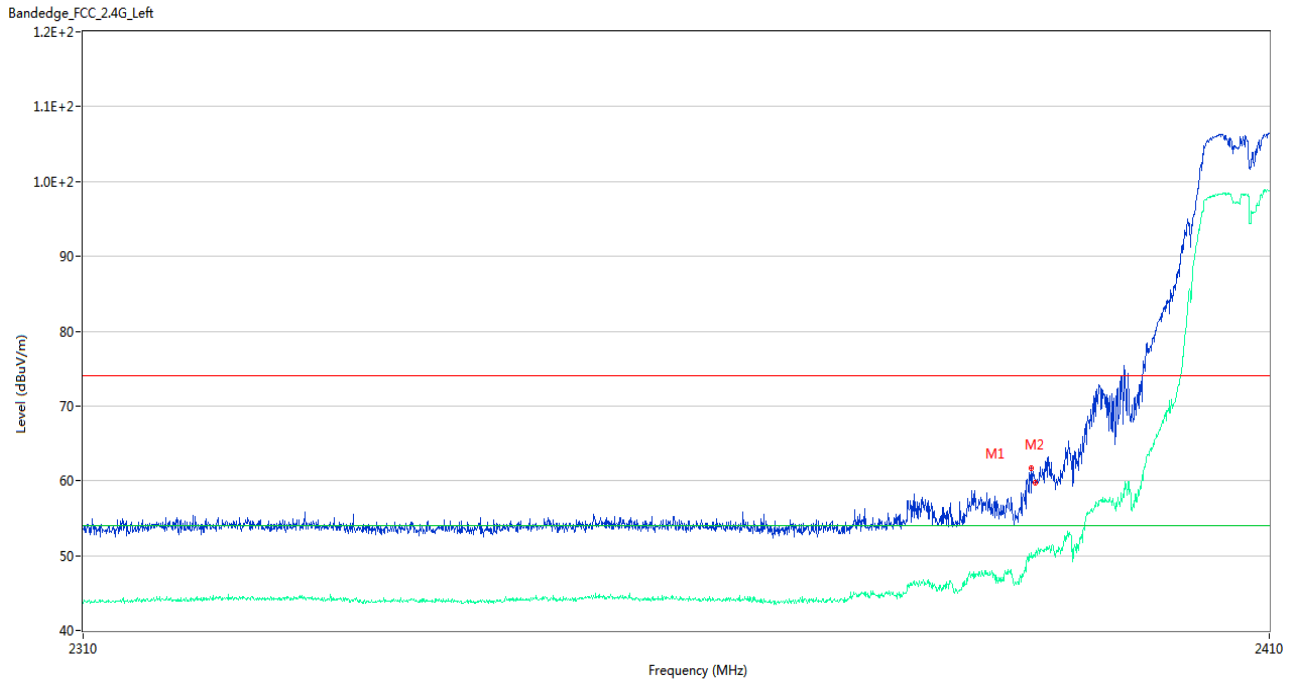
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2386.900	58.74	-0.69	74.0	15.26	Peak	360.00	150	Horizontal	Pass
1**	2386.900	50.98	-0.69	54.0	3.02	AV	360.00	150	Horizontal	Pass
2	2389.950	53.98	-0.59	74.0	20.02	Peak	0.00	200	Horizontal	Pass
2**	2389.950	45.63	-0.59	54.0	8.37	AV	0.00	200	Horizontal	Pass

802.11b HIGH CHANNEL



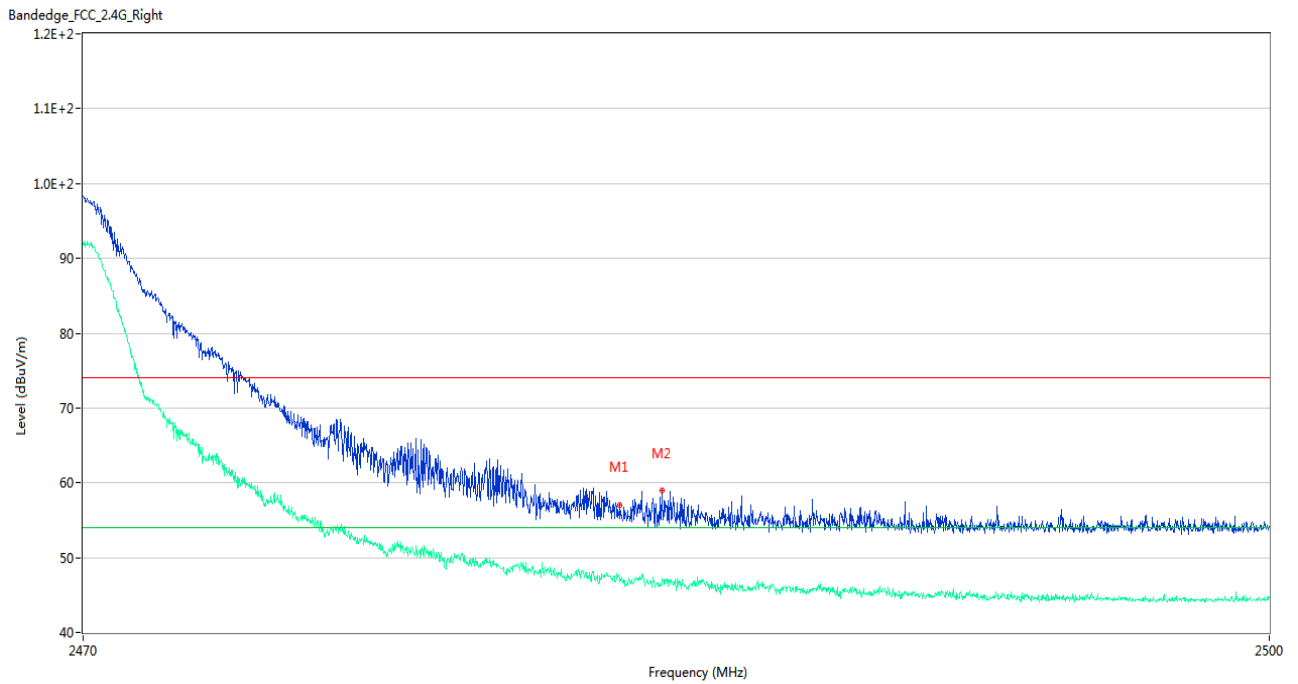
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.575	54.73	-0.06	74.0	19.27	Peak	15.00	100	Horizontal	Pass
1**	2483.575	44.55	-0.06	54.0	9.45	AV	15.00	100	Horizontal	Pass
2	2487.685	56.69	-0.13	74.0	17.31	Peak	6.00	200	Horizontal	Pass
2**	2487.685	46.37	-0.13	54.0	7.63	AV	6.00	200	Horizontal	Pass

802.11g LOW CHANNEL



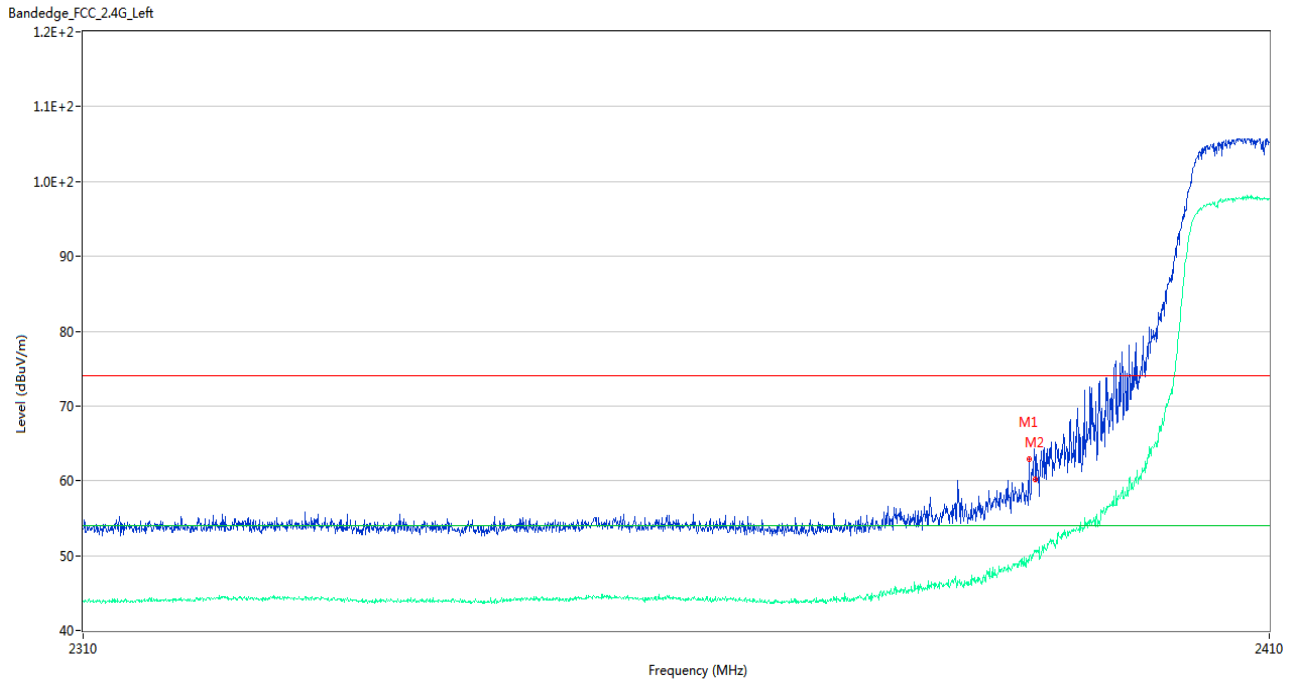
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.550	61.74	-0.60	74.0	12.26	Peak	0.00	200	Horizontal	Pass
1**	2389.550	49.86	-0.60	54.0	4.14	AV	0.00	200	Horizontal	Pass
2	2389.950	59.81	-0.59	74.0	14.19	Peak	360.00	200	Horizontal	Pass
2**	2389.950	50.28	-0.59	54.0	3.72	AV	360.00	200	Horizontal	Pass

802.11g HIGH CHANNEL



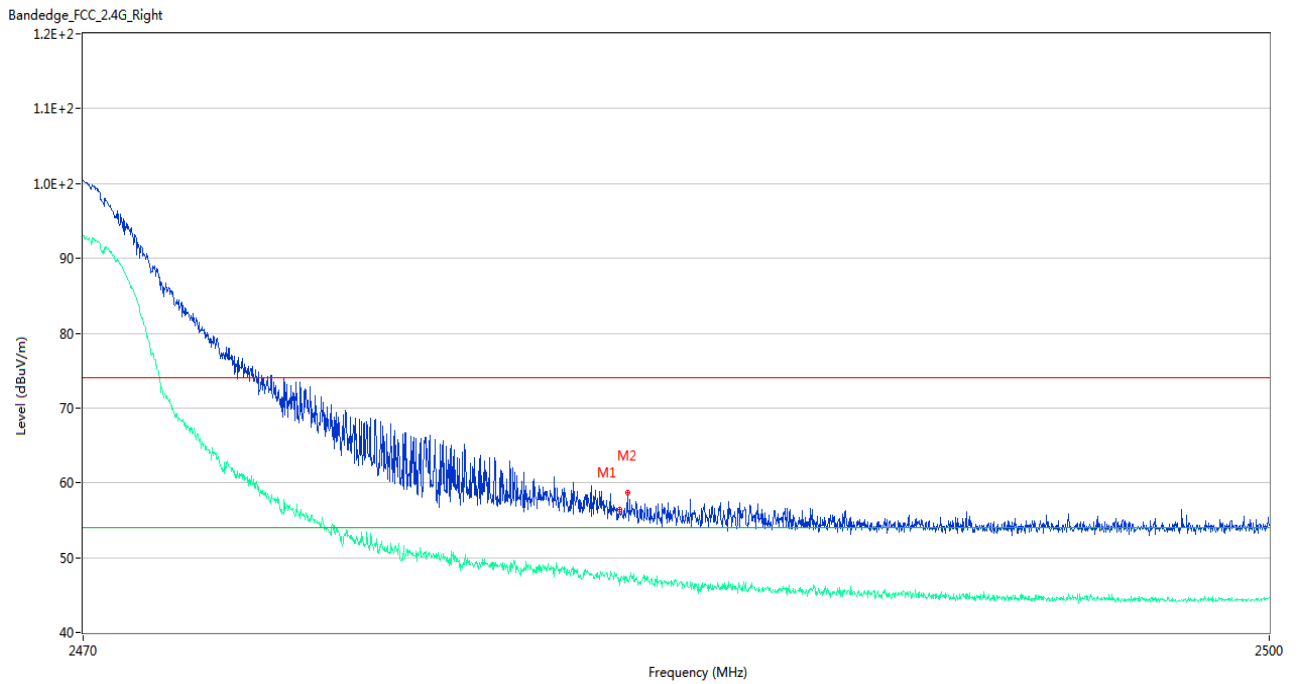
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.530	57.09	-0.05	74.0	16.91	Peak	0.00	200	Horizontal	Pass
1**	2483.530	46.73	-0.05	54.0	7.27	AV	0.00	200	Horizontal	Pass
2	2484.595	58.91	-0.14	74.0	15.09	Peak	0.00	150	Horizontal	Pass
2**	2484.595	46.38	-0.14	54.0	7.62	AV	0.00	150	Horizontal	Pass

802.11n20 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.400	62.94	-0.61	74.0	11.06	Peak	360.00	100	Horizontal	Pass
1**	2389.400	49.55	-0.61	54.0	4.45	AV	360.00	100	Horizontal	Pass
2	2389.950	60.17	-0.59	74.0	13.83	Peak	21.00	200	Horizontal	Pass
2**	2389.950	50.48	-0.59	54.0	3.52	AV	21.00	200	Horizontal	Pass

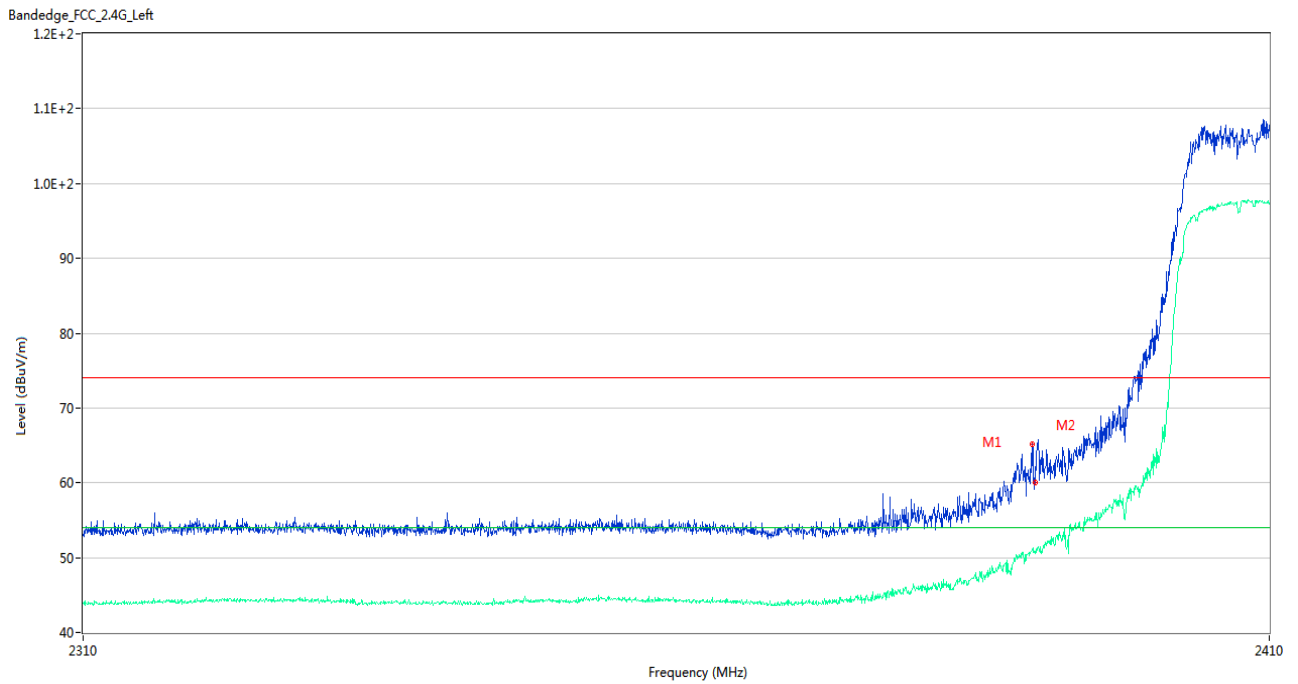
802.11n20 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	56.37	-0.05	74.0	17.63	Peak	0.00	100	Horizontal	Pass
1**	2483.515	46.29	-0.05	54.0	7.71	AV	0.00	100	Horizontal	Pass
2	2483.725	58.72	-0.07	74.0	15.28	Peak	11.00	100	Horizontal	Pass
2**	2483.725	46.95	-0.07	54.0	7.05	AV	11.00	100	Horizontal	Pass

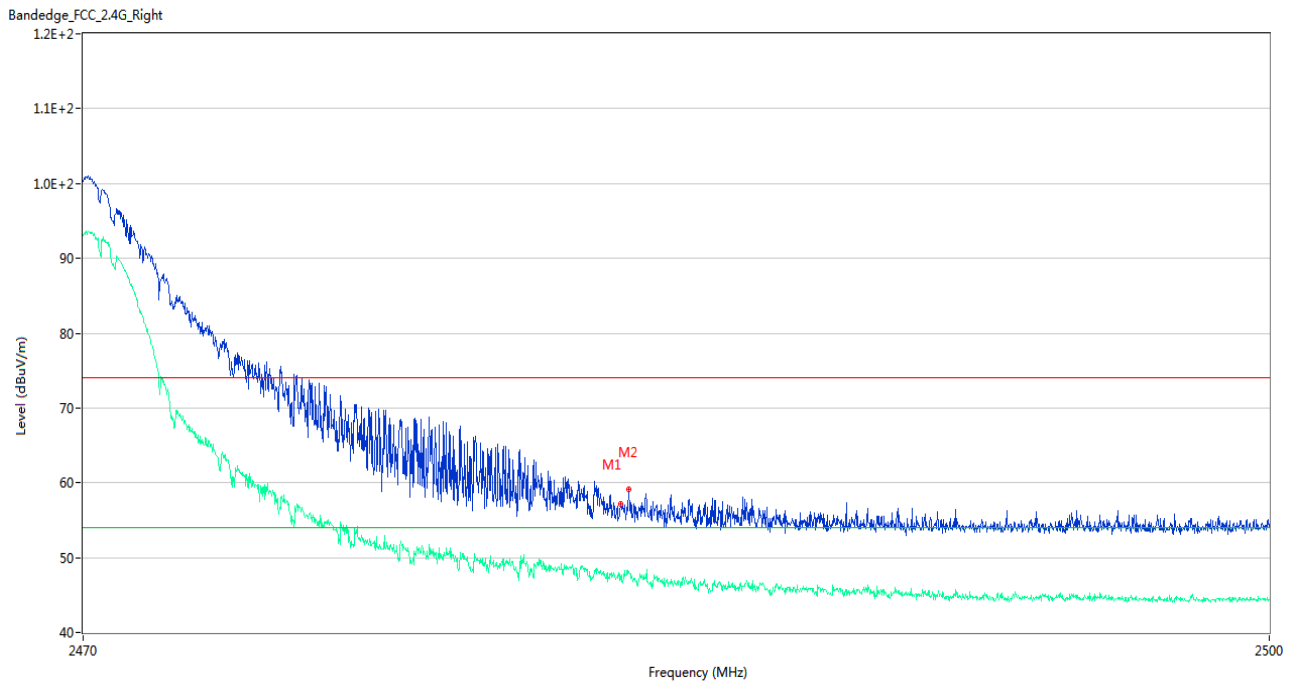


802.11ax20(SU) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.650	65.16	-0.60	74.0	8.84	Peak	0.00	200	Horizontal	Pass
1**	2389.650	50.94	-0.60	54.0	3.06	AV	0.00	200	Horizontal	Pass
2	2389.950	60.10	-0.59	74.0	13.90	Peak	360.00	100	Horizontal	Pass
2**	2389.950	50.55	-0.59	54.0	3.45	AV	360.00	100	Horizontal	Pass

802.11 ax20(SU) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	57.13	-0.06	74.0	16.87	Peak	0.00	100	Horizontal	Pass
1**	2483.545	47.03	-0.06	54.0	6.97	AV	0.00	100	Horizontal	Pass
2	2483.755	59.06	-0.08	74.0	14.94	Peak	0.00	150	Horizontal	Pass
2**	2483.755	48.21	-0.08	54.0	5.79	AV	0.00	150	Horizontal	Pass

## A.8 Power Spectral Density (PSD)

### Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.49	8
Middle	-8.54	8
High	-7.81	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.47	8
Middle	-13.17	8
High	-12.29	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.98	8
Middle	-14.02	8
High	-13.59	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.57	8
Middle	-14.57	8
High	-12.68	8

Test Plots

802.11b LOW CHANNEL



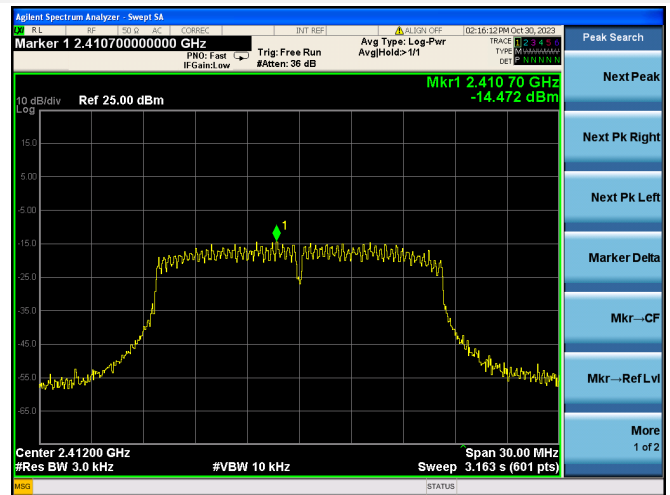
802.11b MIDDLE CHANNEL



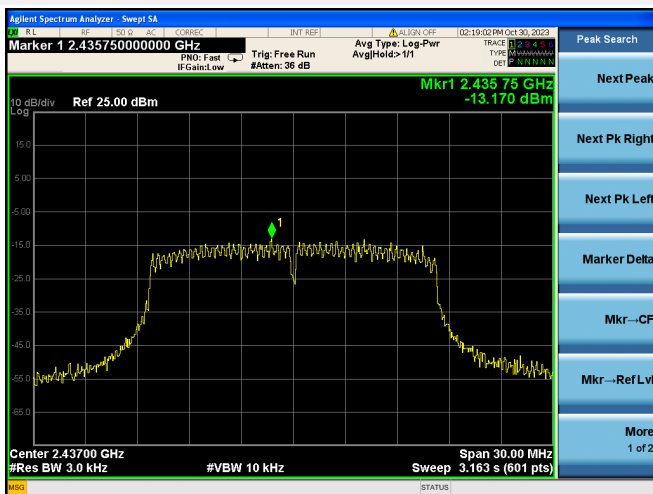
802.11b HIGH CHANNEL



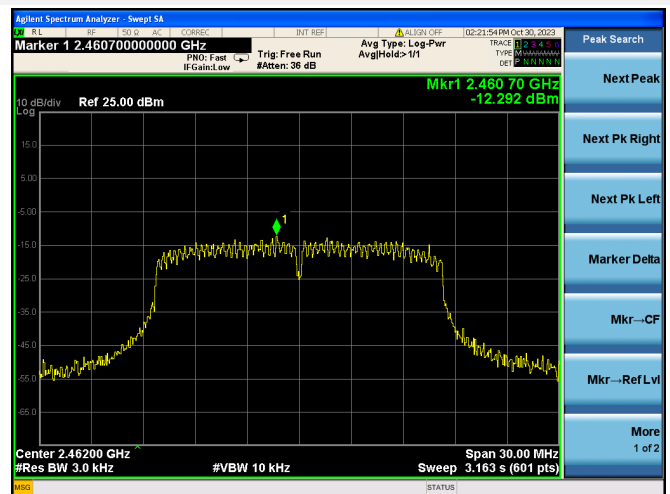
802.11g LOW CHANNEL



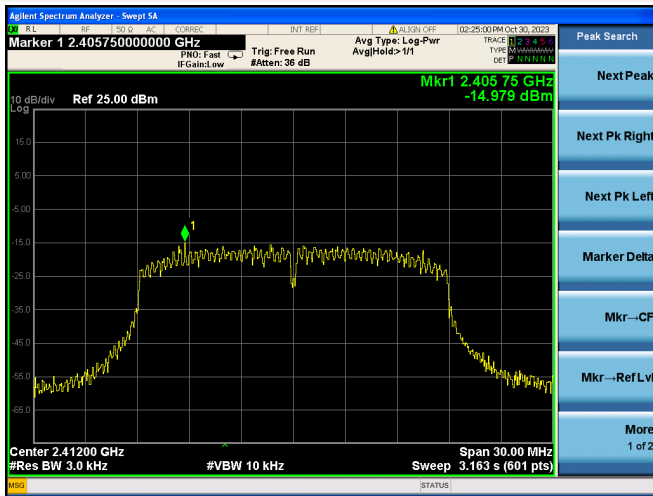
802.11g MIDDLE CHANNEL



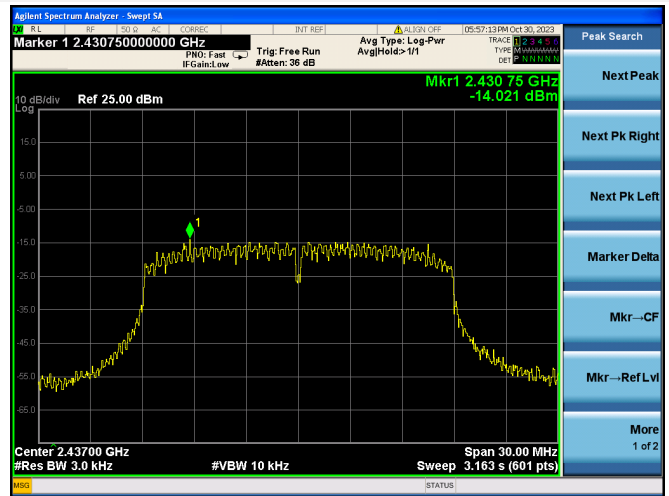
802.11g HIGH CHANNEL



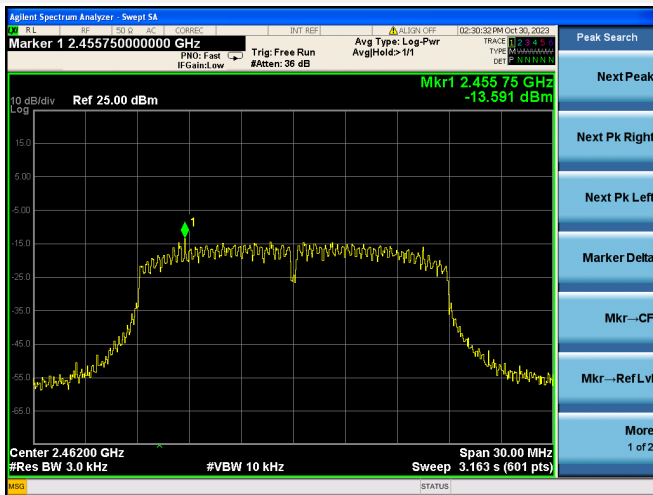
802.11n-20 MHz LOW CHANNEL



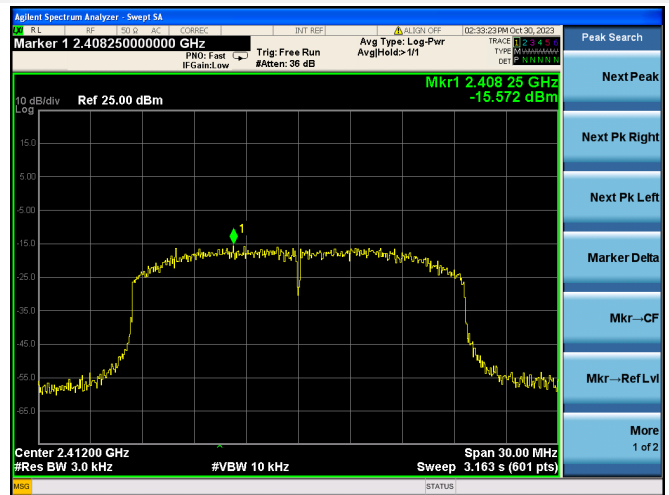
802.11n-20 MHz MIDDLE CHANNEL



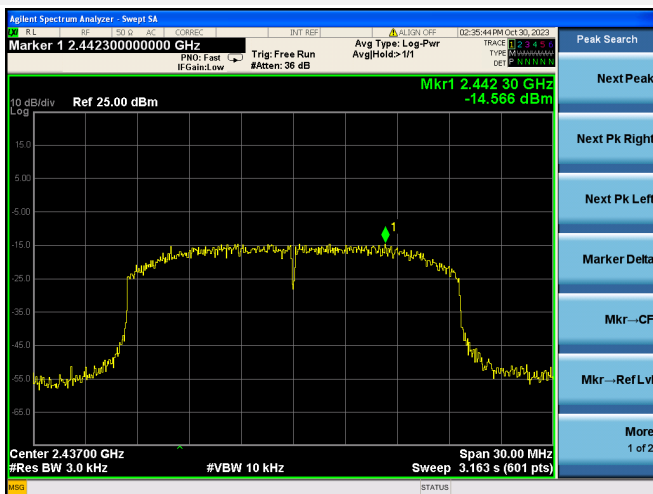
802.11n-20 MHz HIGH CHANNEL



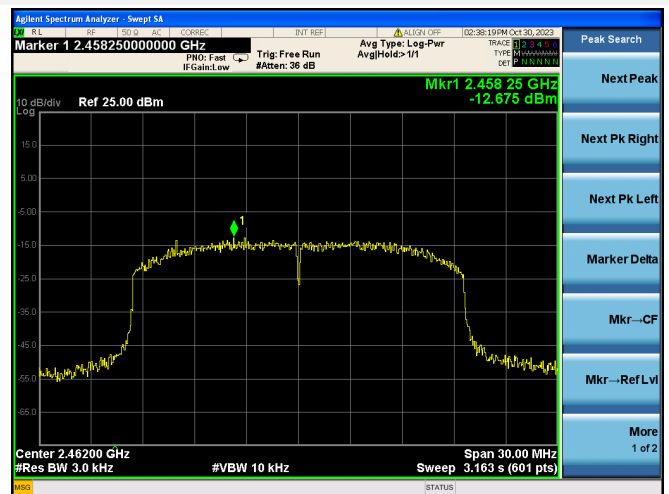
802.11ax-20 MHz(SU) LOW CHANNEL



802.11ax-20 MHz(SU) MIDDLE CHANNEL



802.11ax-20 MHz(SU) HIGH CHANNEL



## **ANNEX B TEST SETUP PHOTOS**

Please refer the document “BL-SZ23A0884-AR.PDF”.

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document “BL-SZ23A0884-AW.PDF”.

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document “BL-SZ23A0884-AI.PDF”.

## Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the "inspection and testing dedicated stamp" or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
6. This report shall not be partially reproduced without the written permission of the laboratory.
7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--